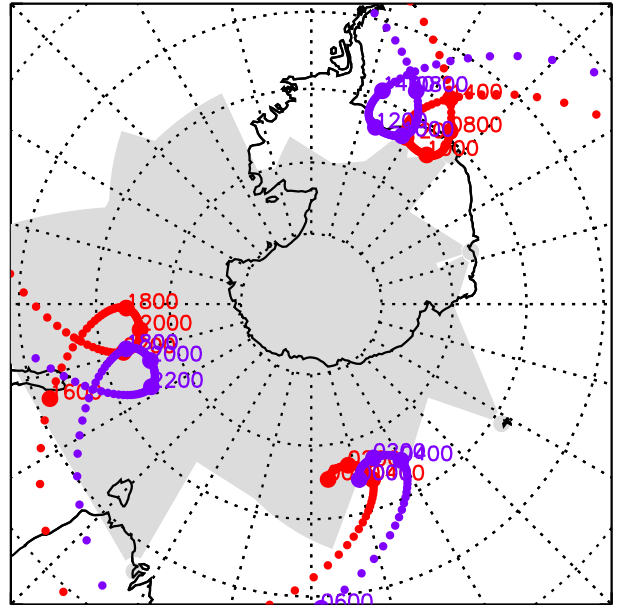
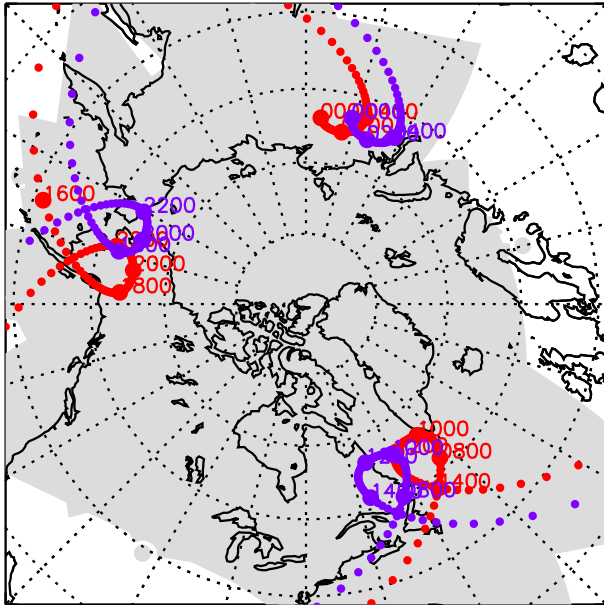


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

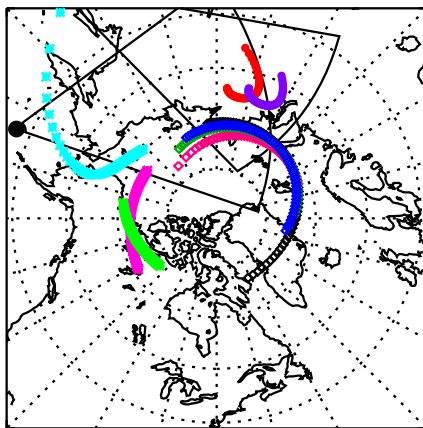
01-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

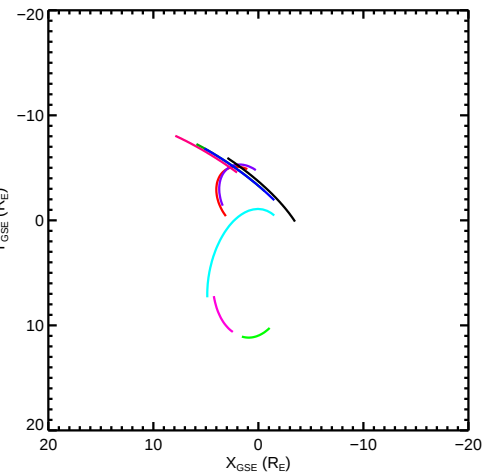
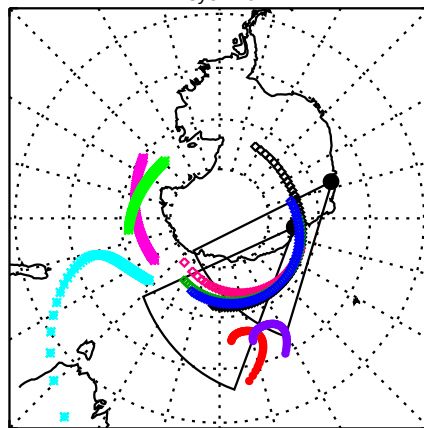
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



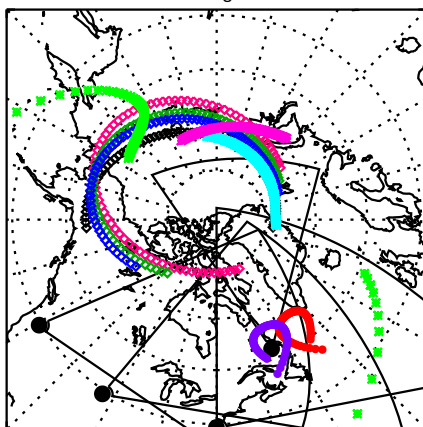
(a) 0000UT to 0510UT
adw hkw



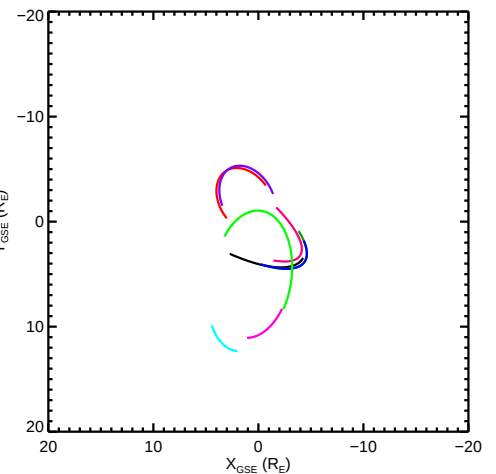
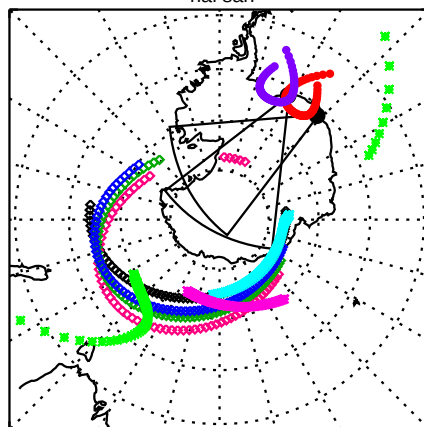
syx zho



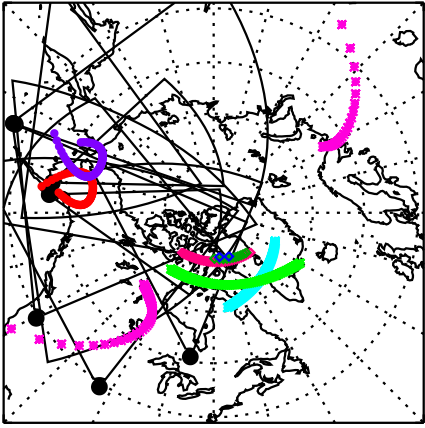
(b) 0740UT to 1410UT
cve the gbr wal



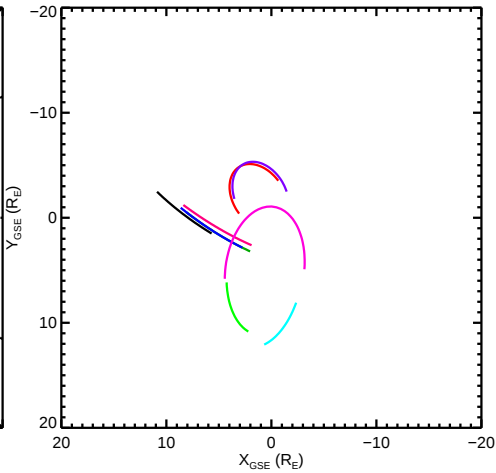
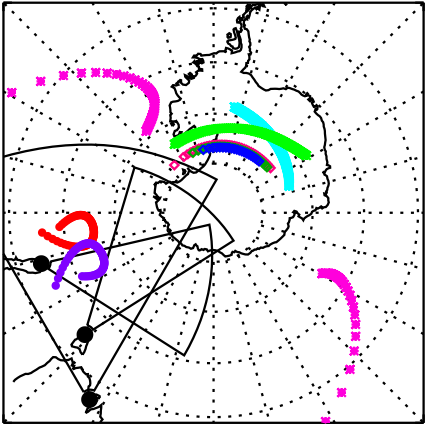
hal san



(c) 1640UT to 2305UT
ade adw cly cvw fhw hok kap kod ksr



bpk tig unw

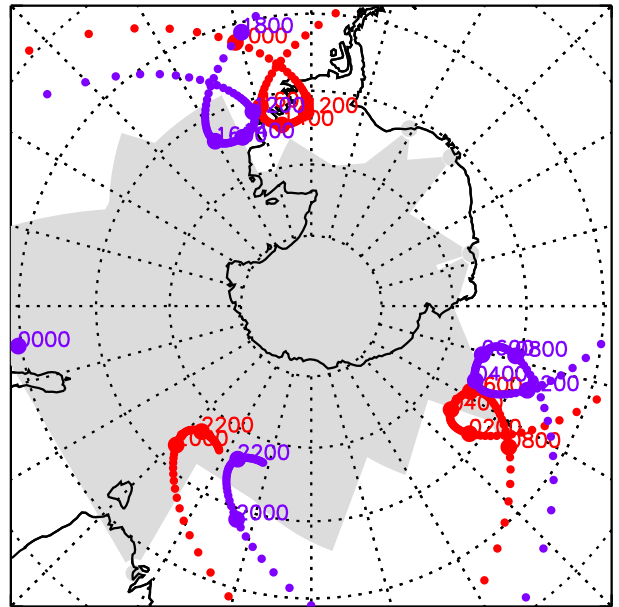
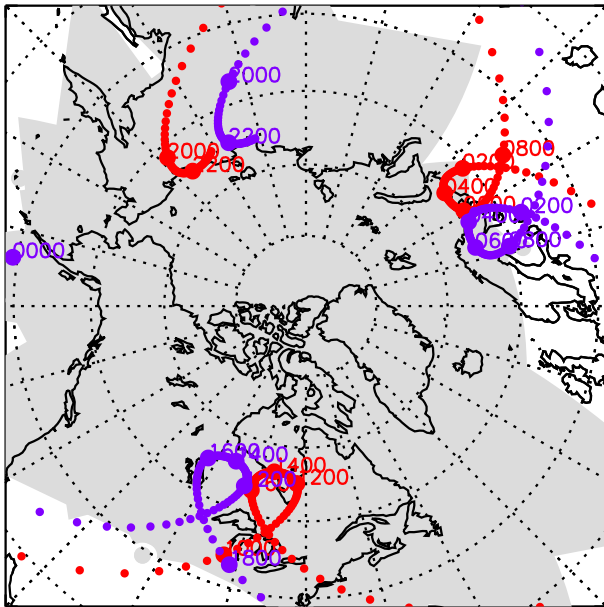


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

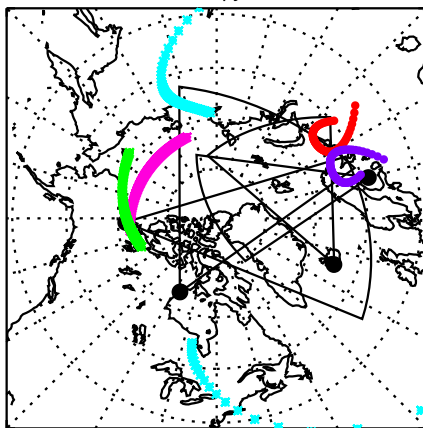
02-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

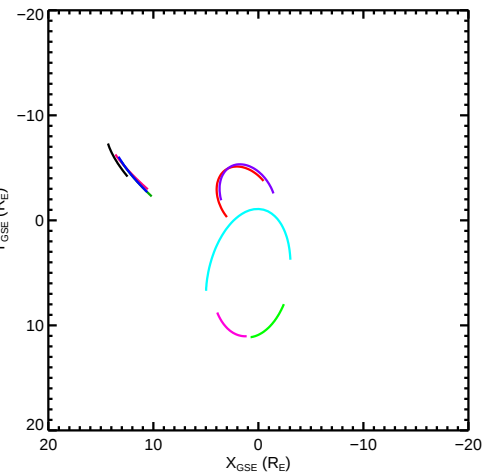
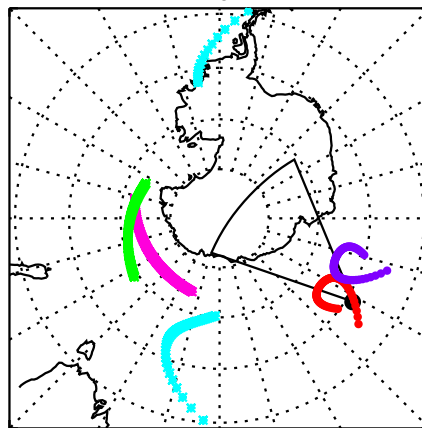
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



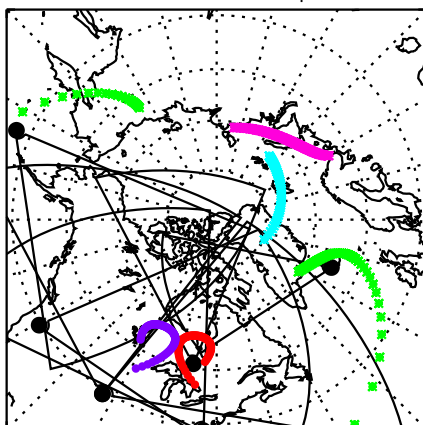
(a) 0145UT to 0805UT
han inv pyk rkn



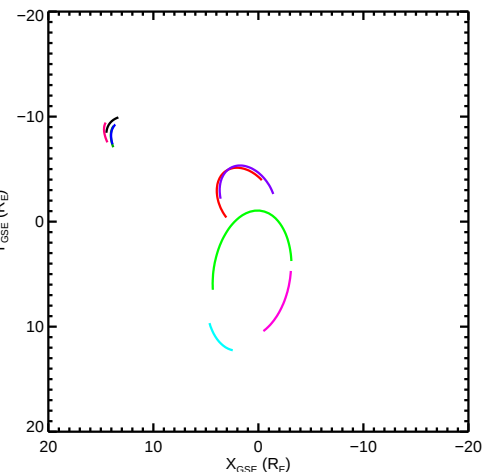
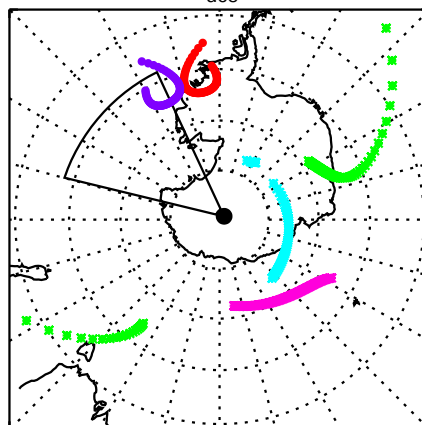
ker



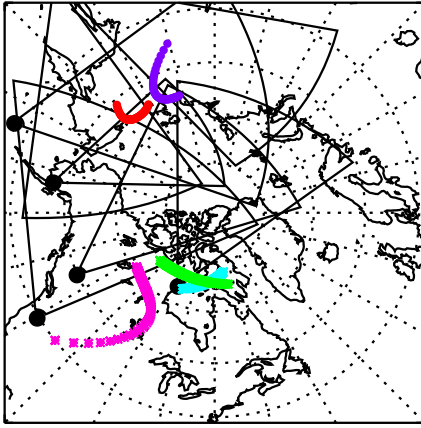
(b) 1050UT to 1700UT
ade bks cve the fhw kap sto



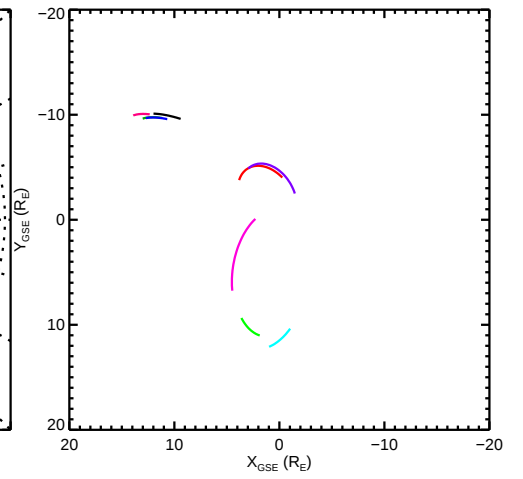
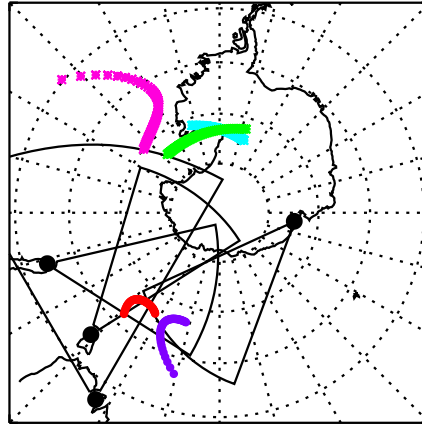
dce



(c) 1950UT to 2355UT
adw cvw hkw hok ksr pgr rkn



bpk tig unw zho

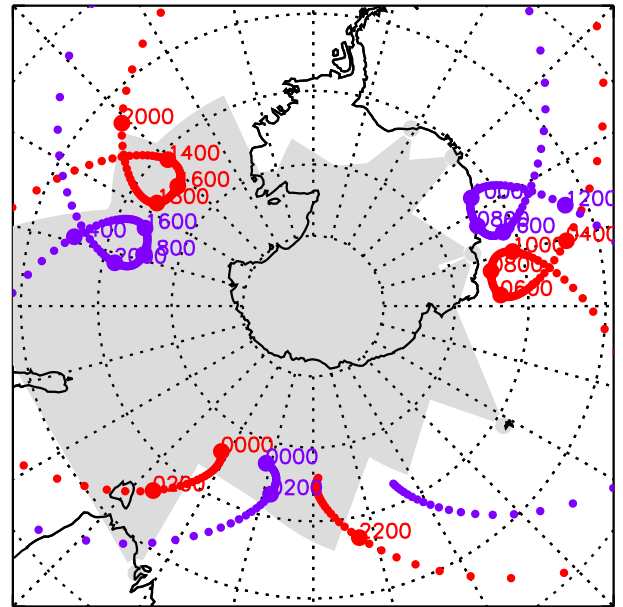
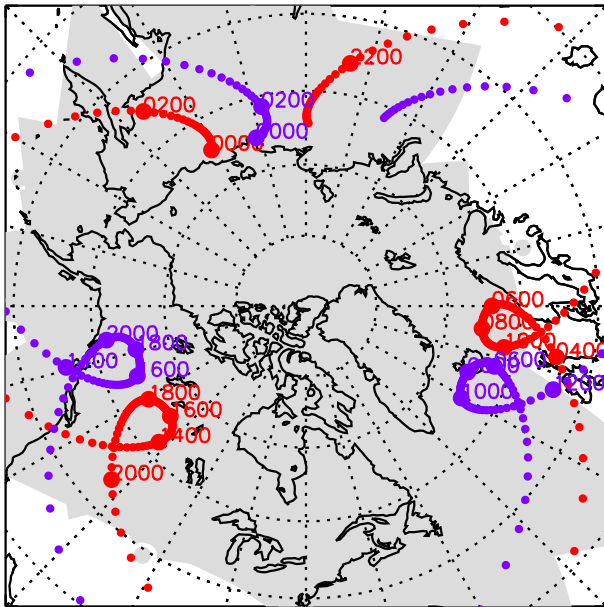


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

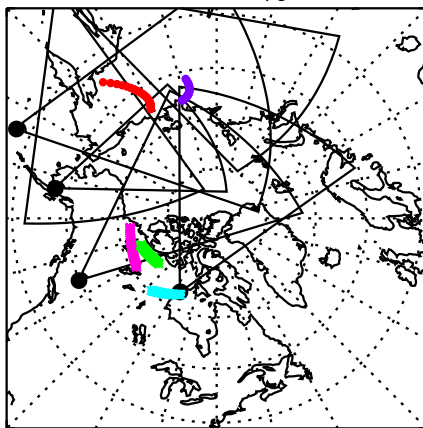
03-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

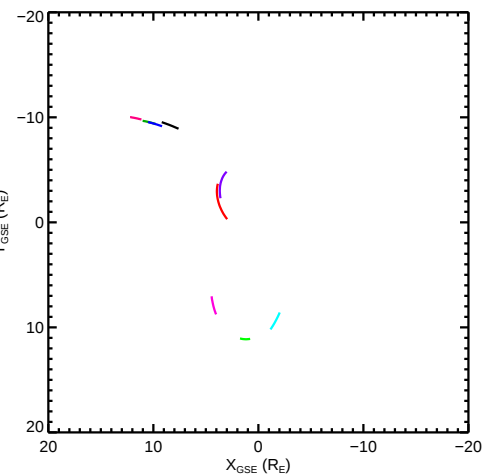
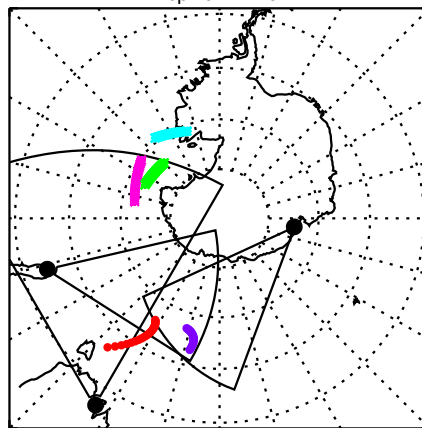
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



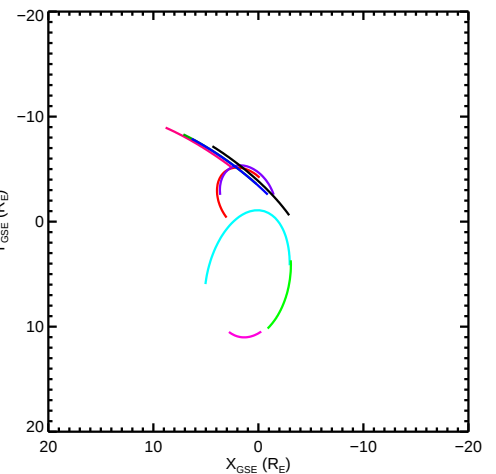
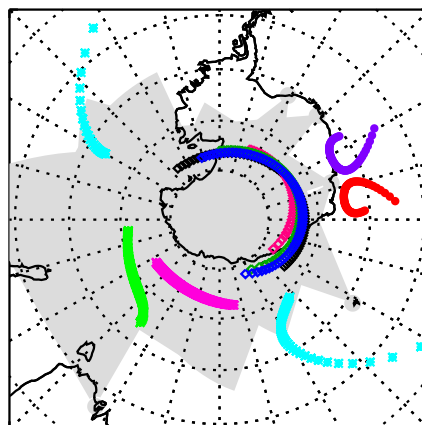
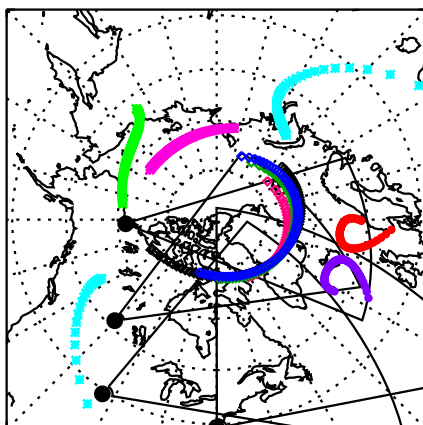
(a) 0000UT to 0200UT
adw hkw hok ksr pgr rkn



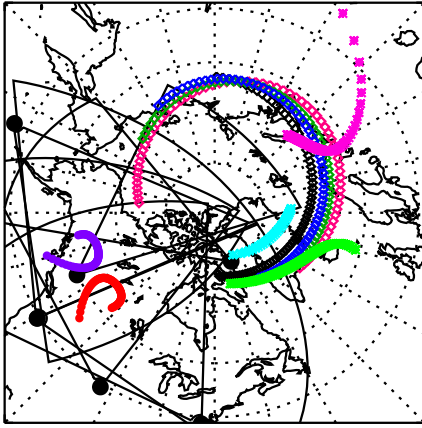
bpk unw zho



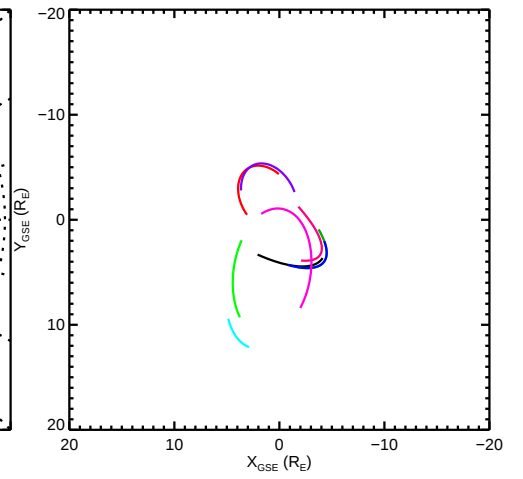
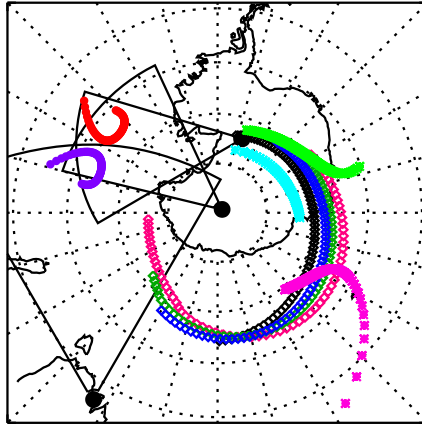
(b) 0455UT to 1055UT
the inv sas wal



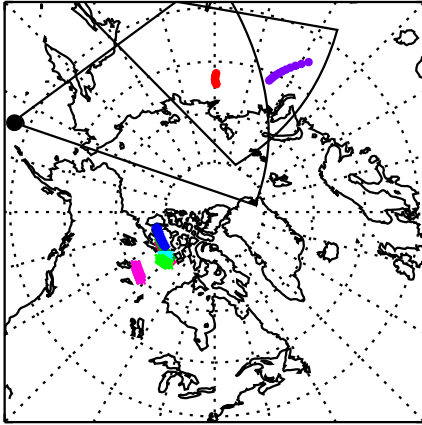
(c) 1400UT to 1950UT
ade bks cly cve cvw fhv pgr



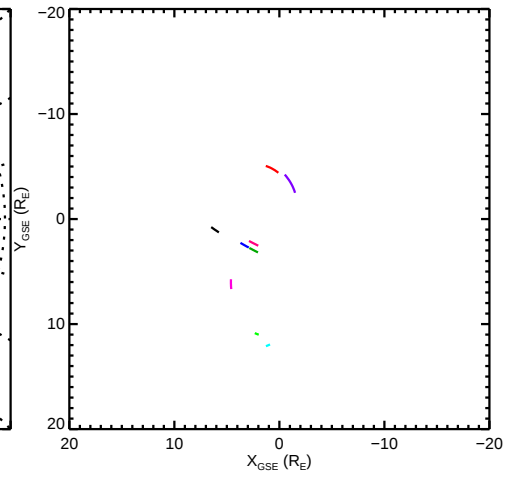
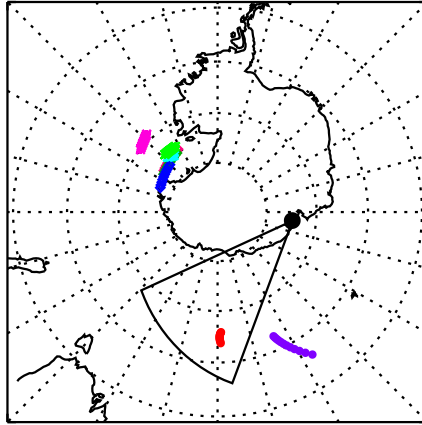
bpk dce sps



(d) 2300UT to 2355UT
adw hkw



zho

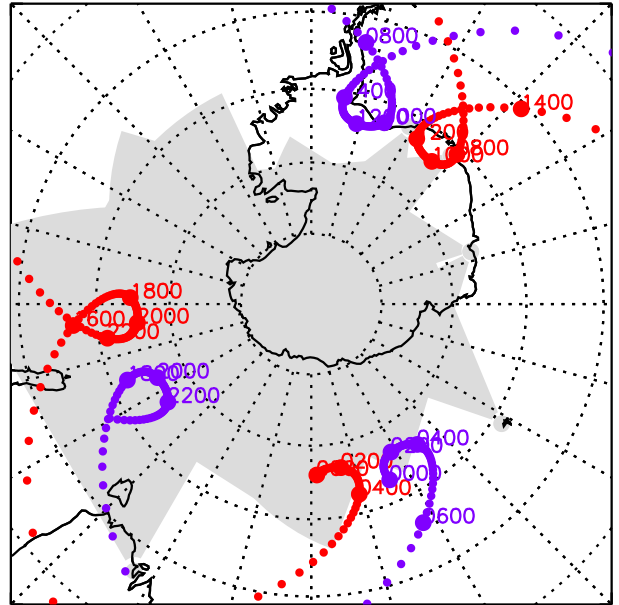
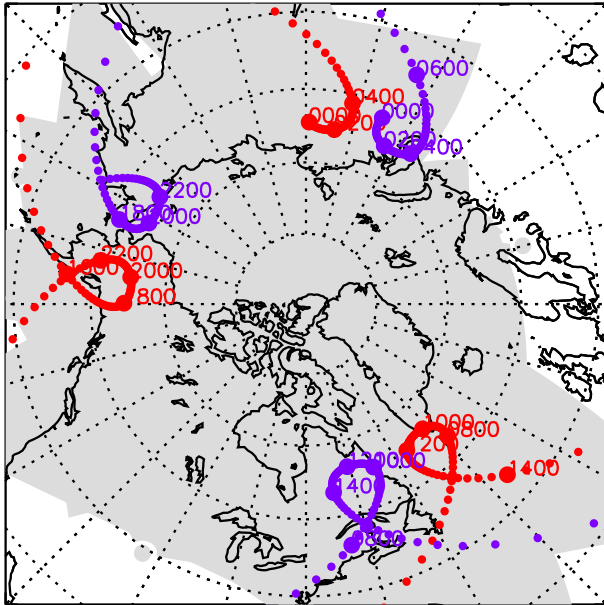


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

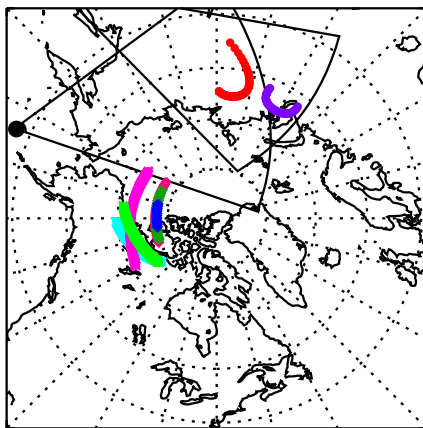
04-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

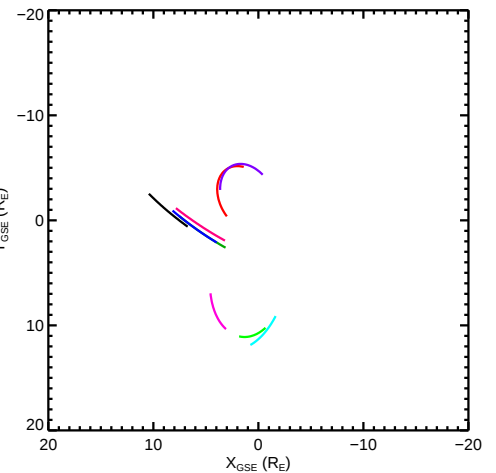
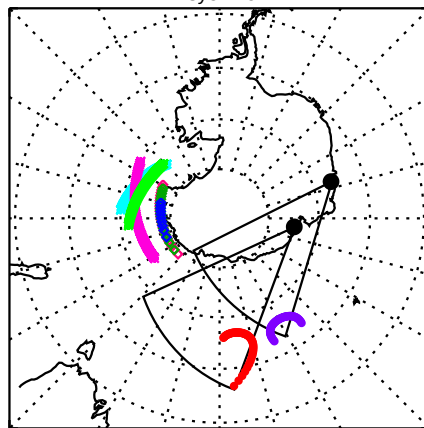
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



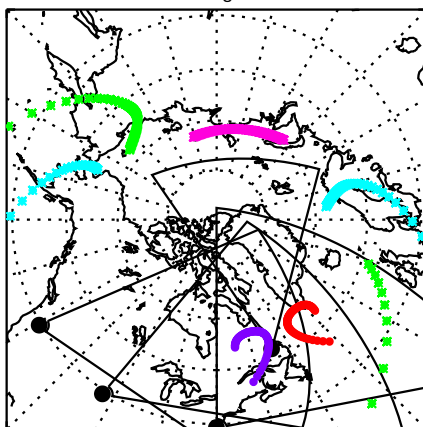
(a) 0000UT to 0450UT
adw hkw



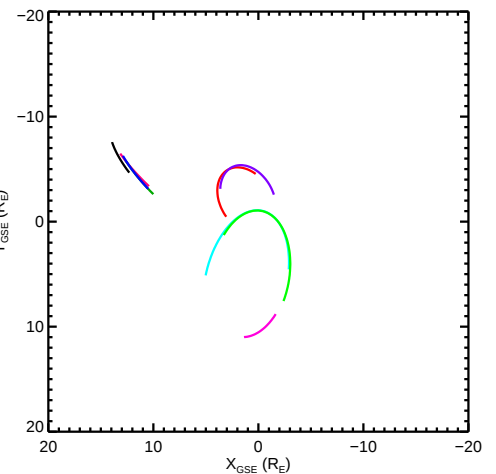
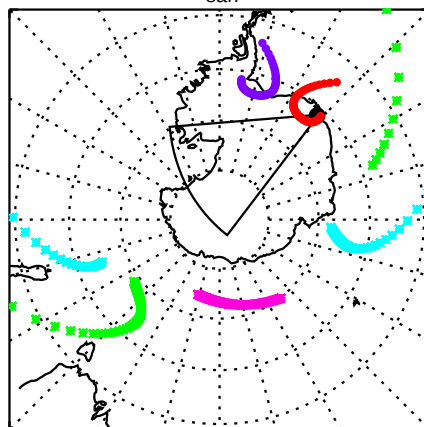
syx zho



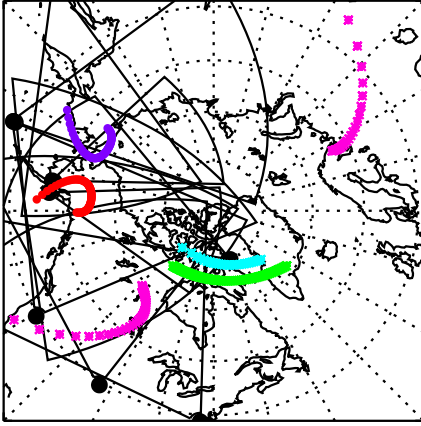
(b) 0805UT to 1345UT
cve the gbr wal



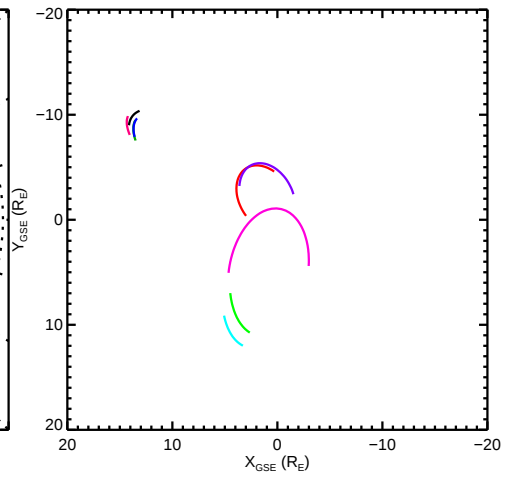
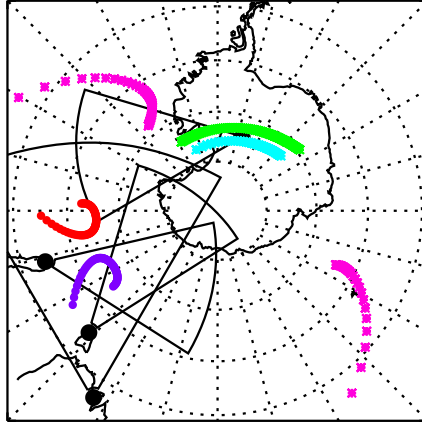
san



(c) 1705UT to 2245UT
ade adw bks cly cvw fhw hok kod ksr



bpk sps tig unw

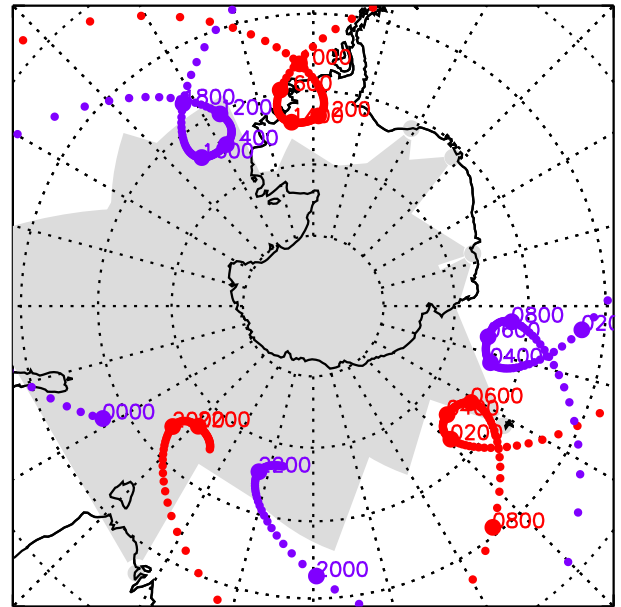
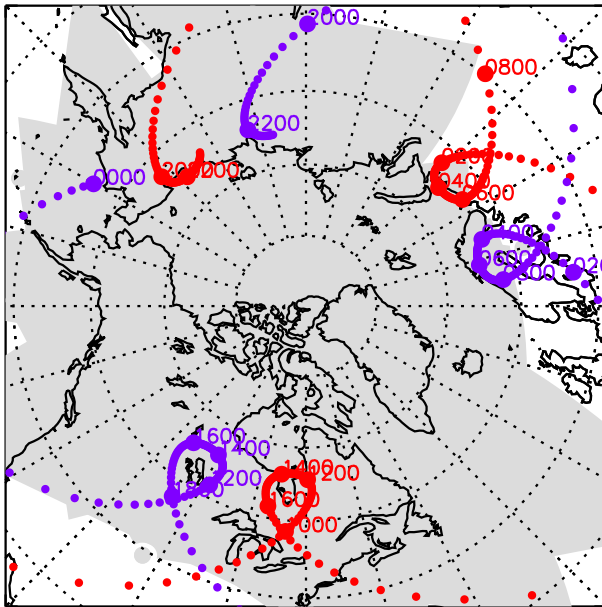


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

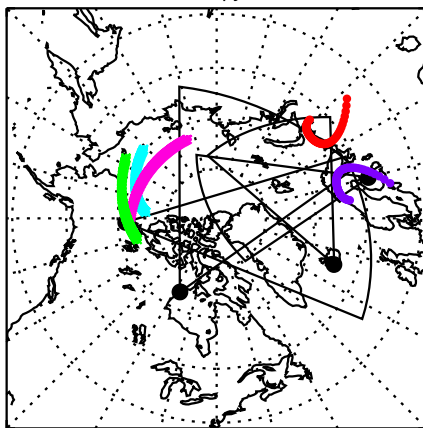
05-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

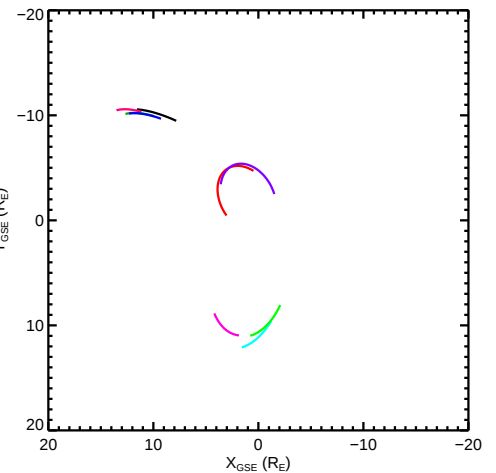
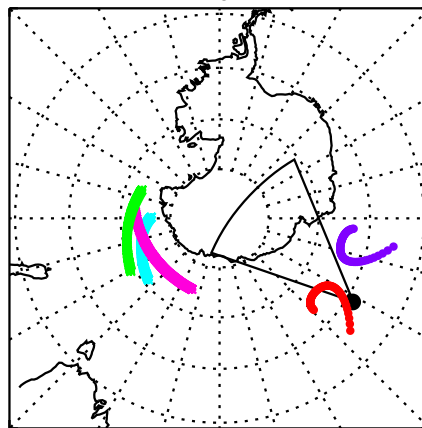
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



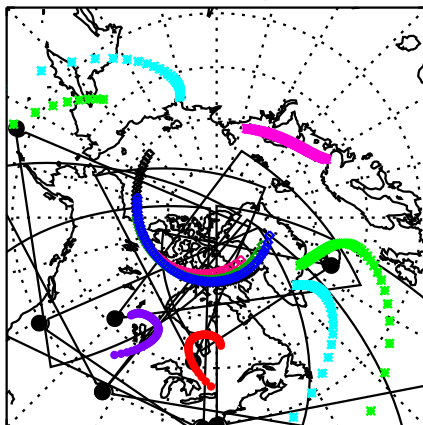
(a) 0210UT to 0740UT
han inv pyk rkn



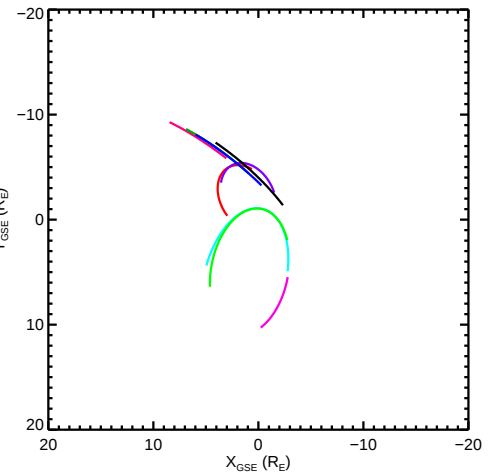
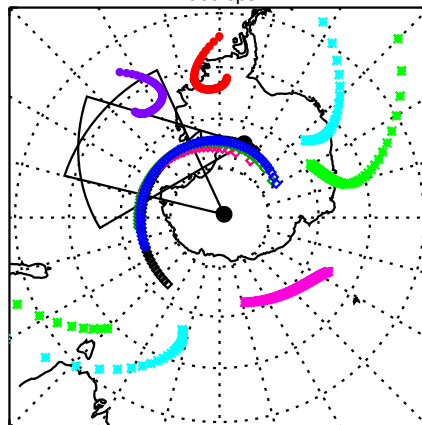
ker



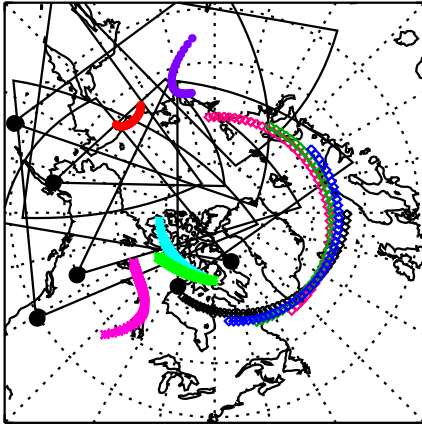
(b) 1115UT to 1640UT
ade bks cve the fhw kap sas sto wal



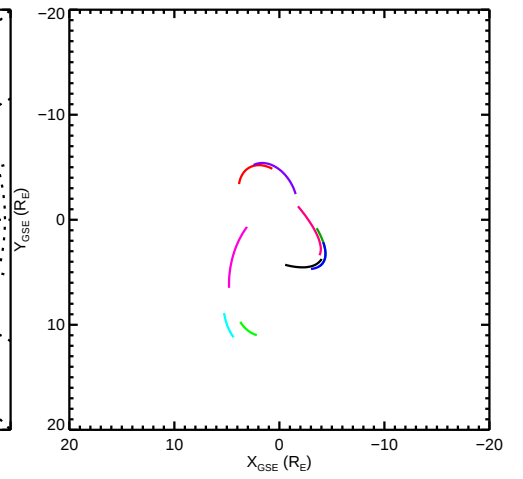
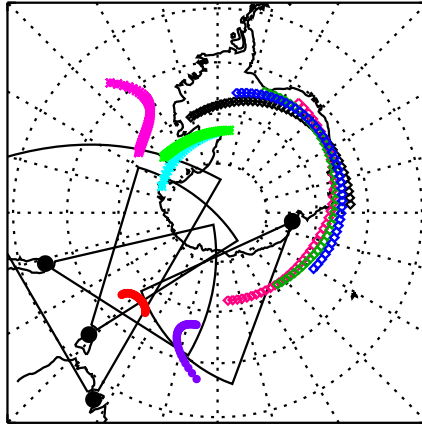
dce sps



(c) 2015UT to 2355UT
adw cly cvw hkw hok ksr pgr rkn



bpk tig unw zho

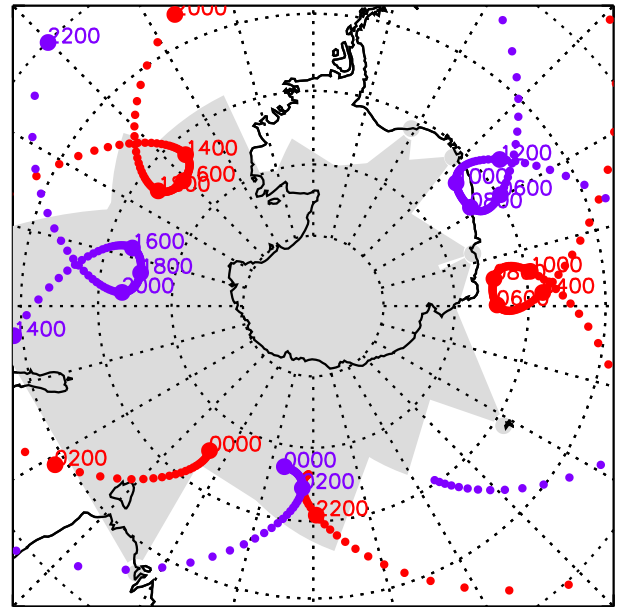
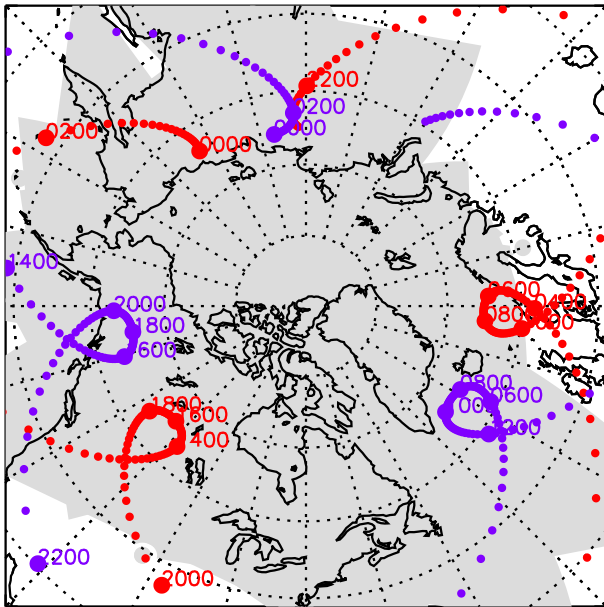


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

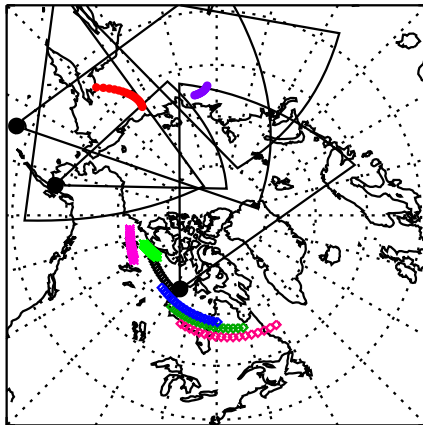
06-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

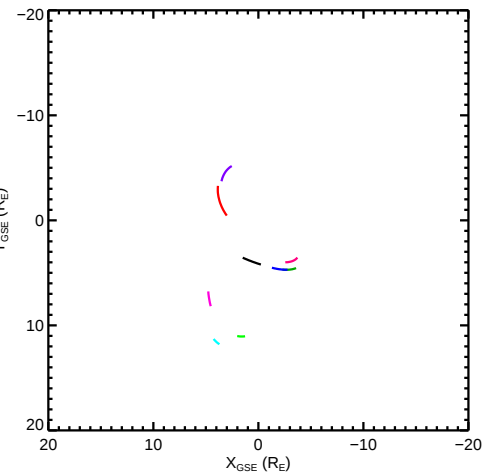
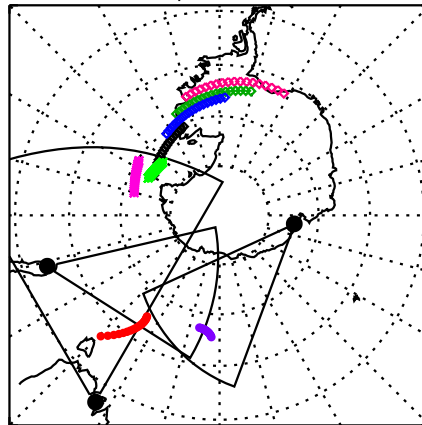
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



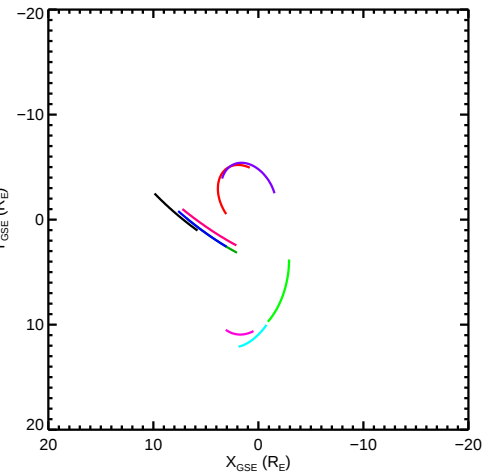
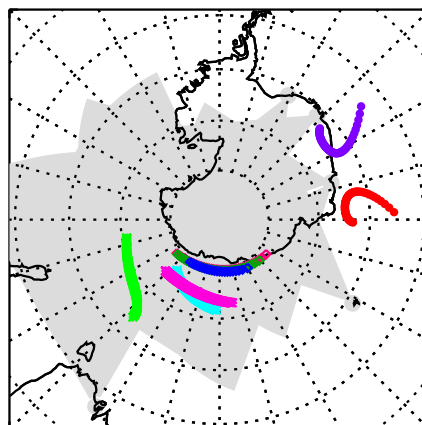
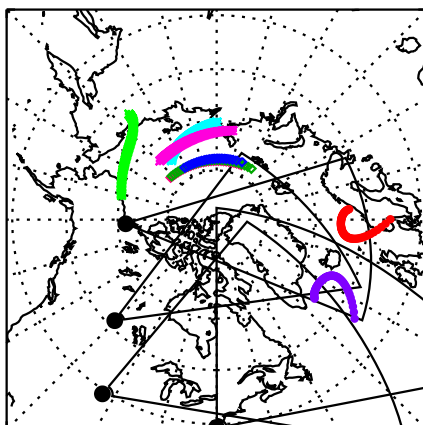
(a) 0000UT to 0135UT
adw hkw hok ksr rkn



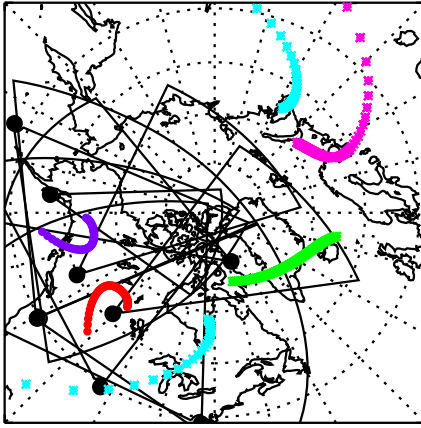
bpk unw zho



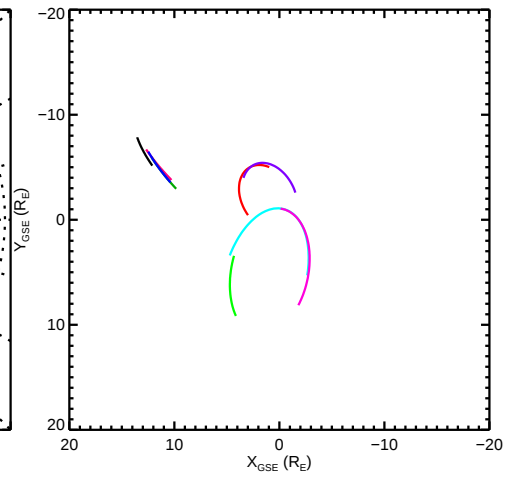
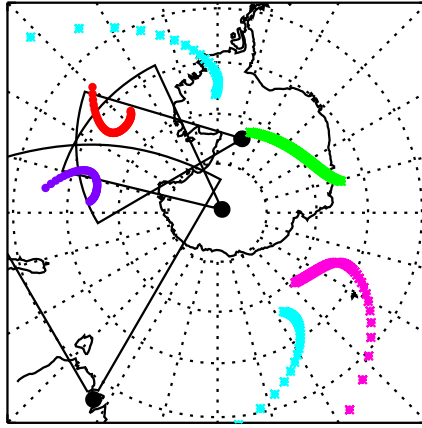
(b) 0520UT to 1030UT
the inv sas wal



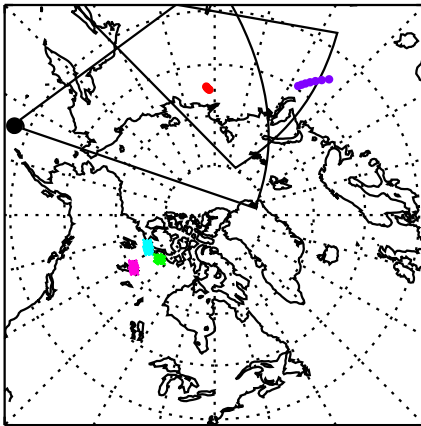
(c) 1425UT to 1930UT
ade bks cly cve cvw fhw kod pgr sas



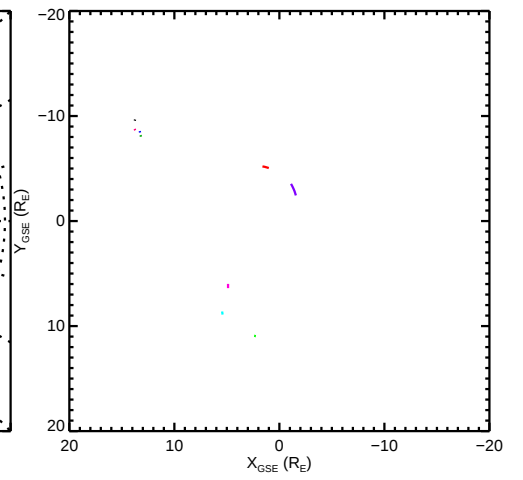
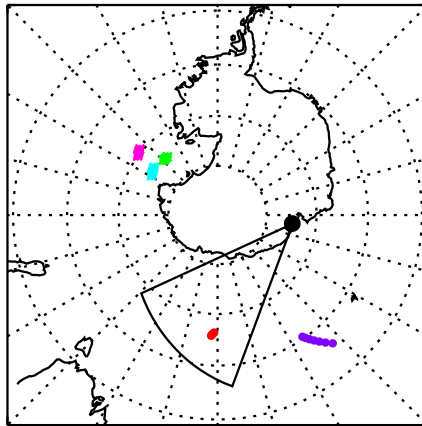
bpk dce sps



(d) 2325UT to 2355UT
adw hkw



zho

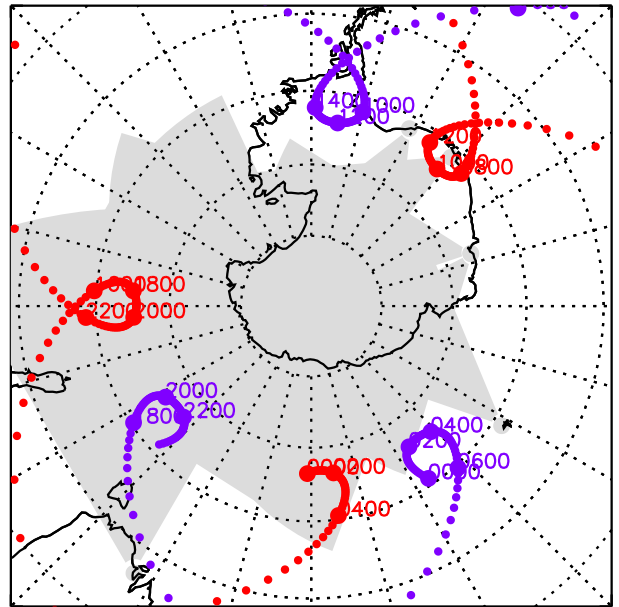
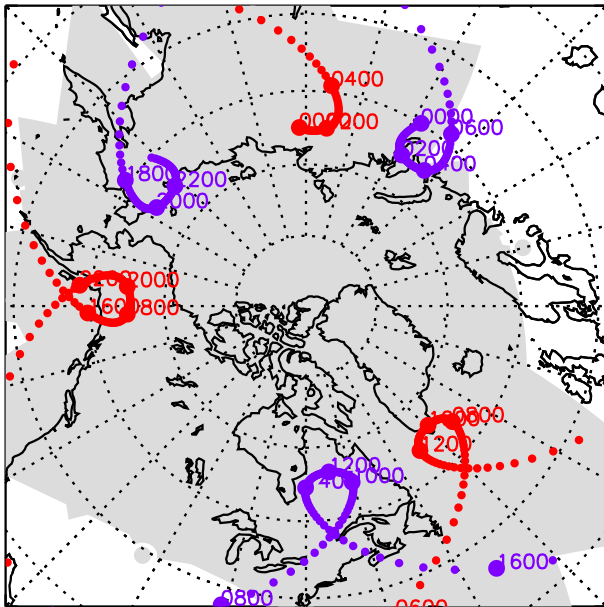


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

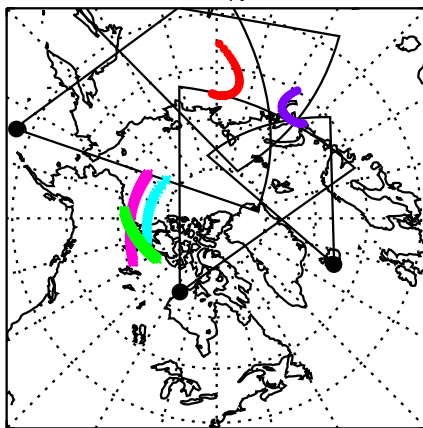
07-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

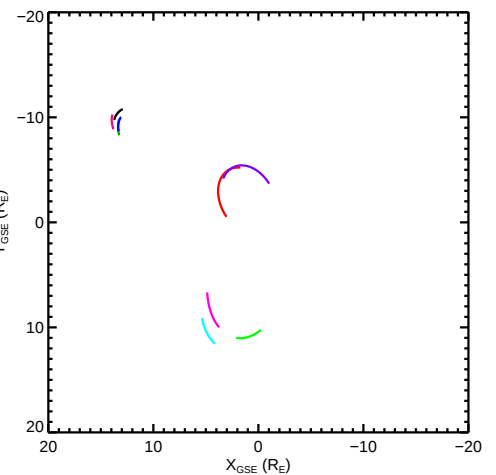
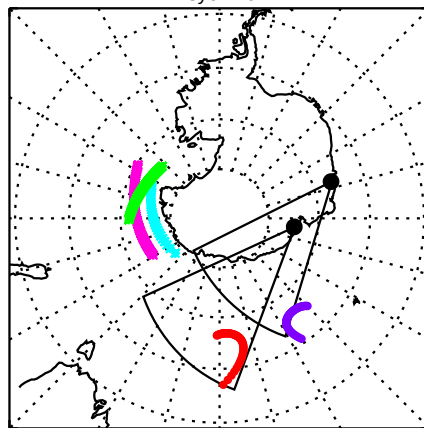
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



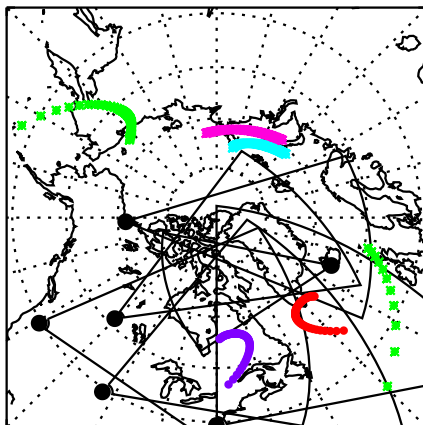
(a) 0000UT to 0425UT
adw hkw pyk rkn



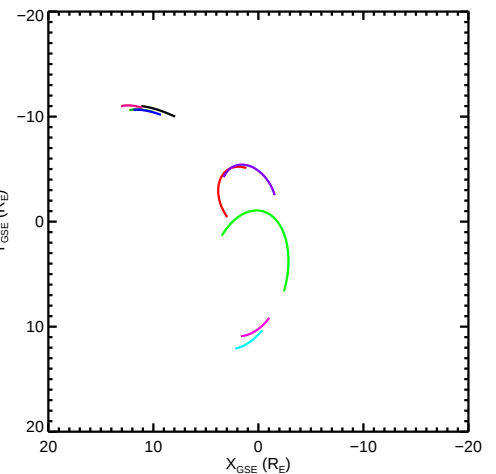
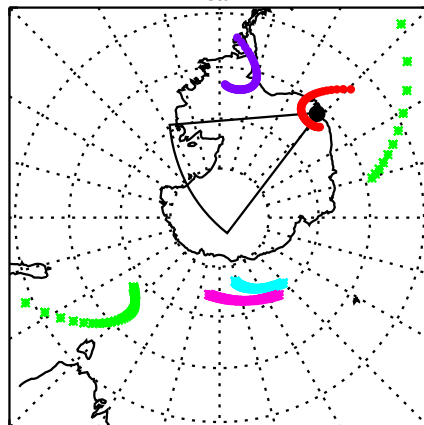
sye zho



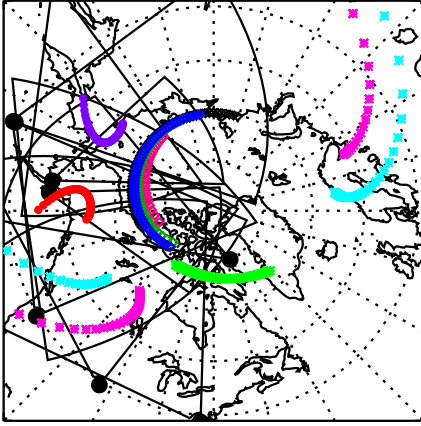
(b) 0830UT to 1325UT
cve the inv sas sto wal



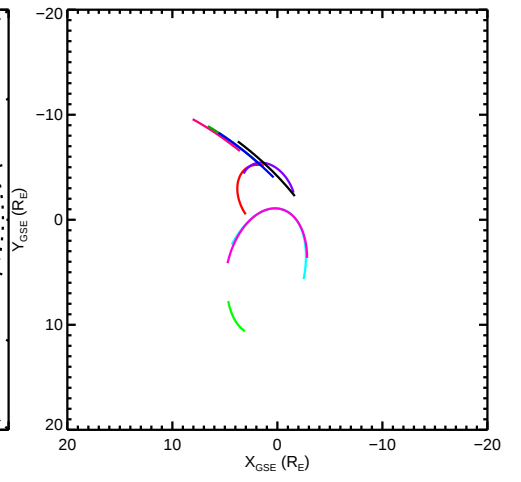
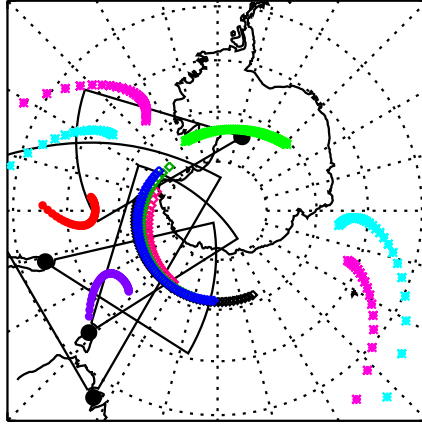
san



(c) 1735UT to 2220UT
ade adw bks cly cvw fhw hok kod ksr



bpk sps tig unw

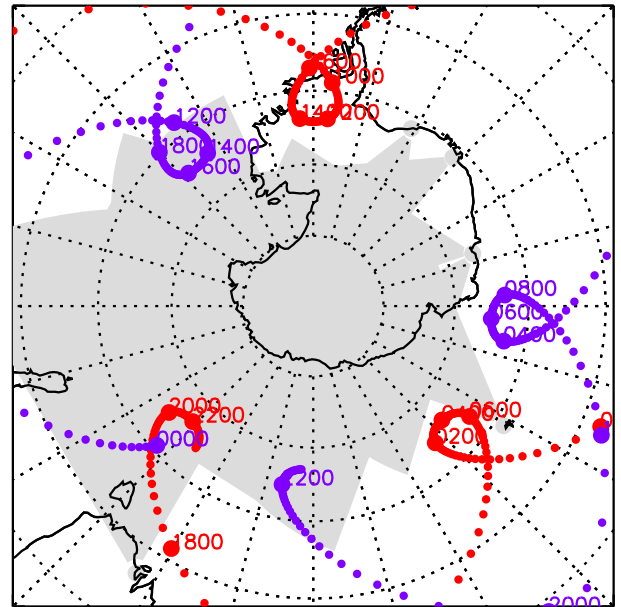
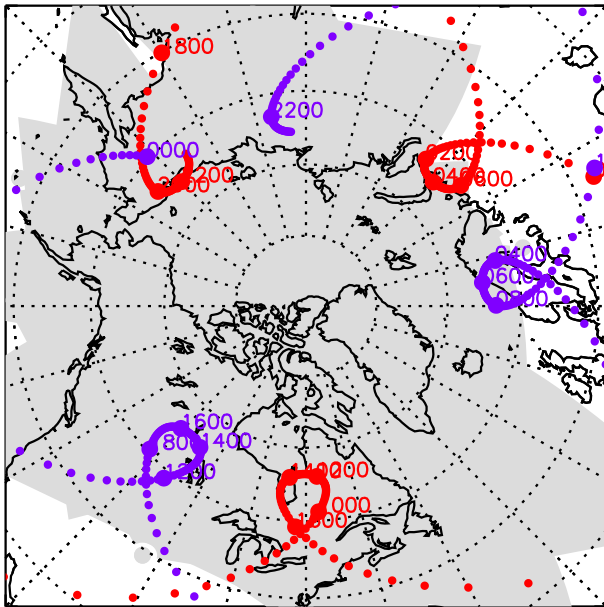


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

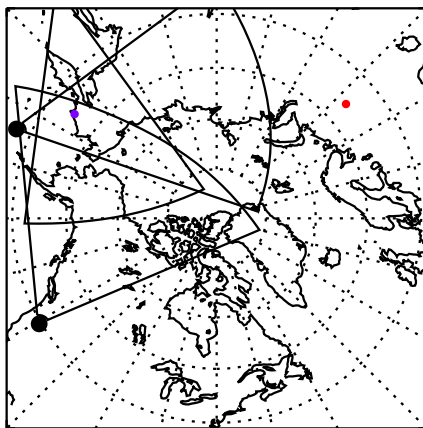
08-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

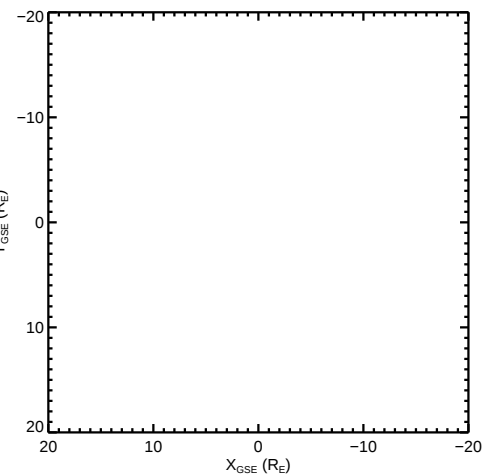
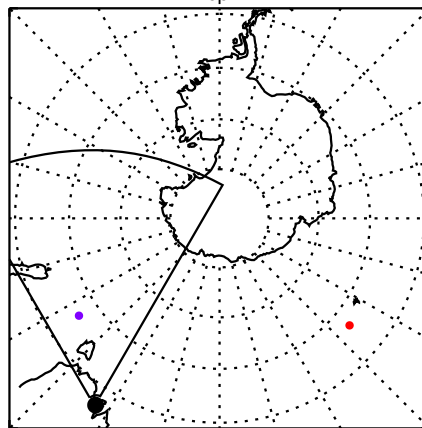
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



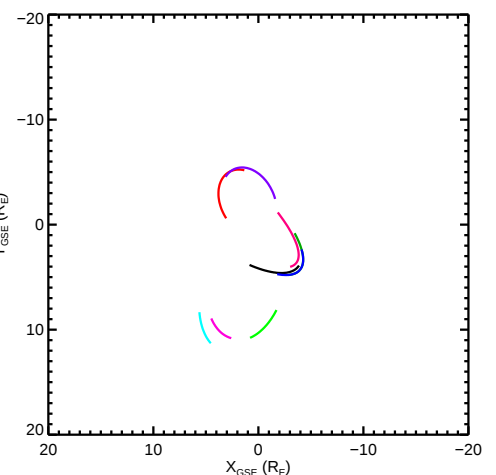
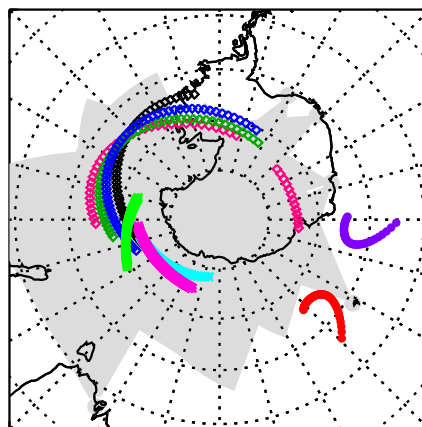
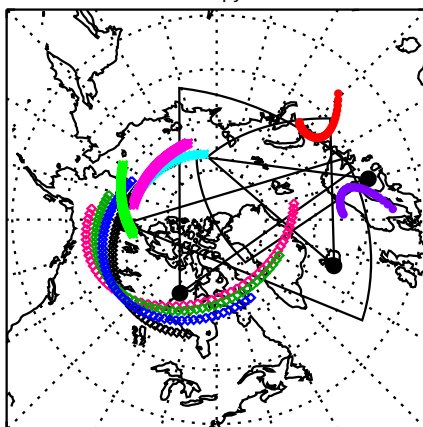
(a) 0030UT to 0030UT
adw cvw hok



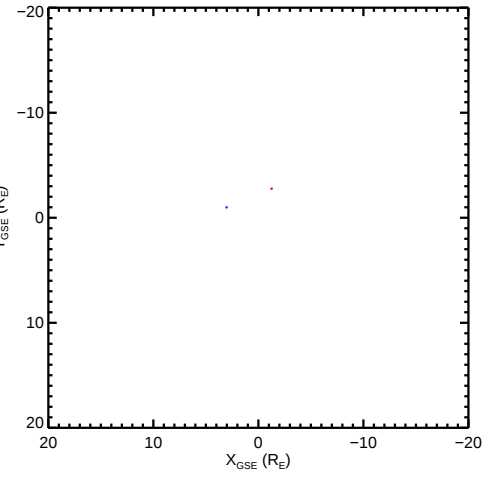
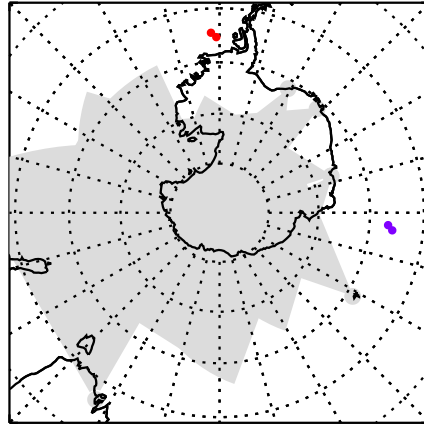
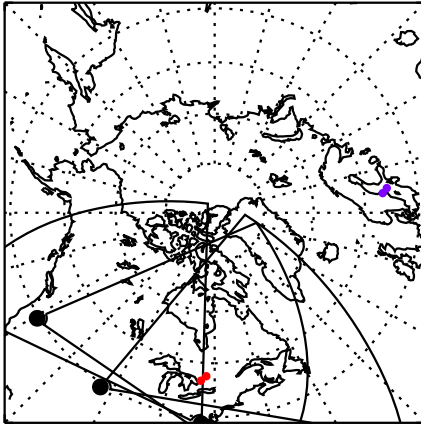
bpk



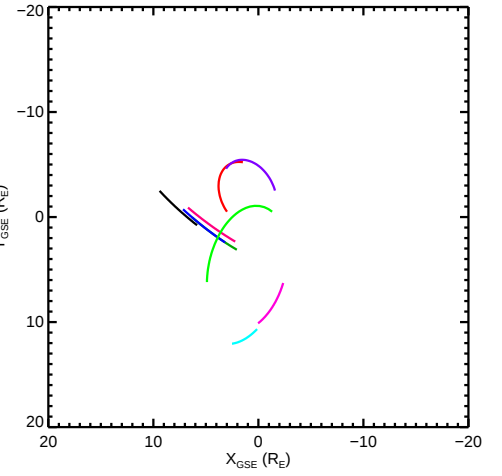
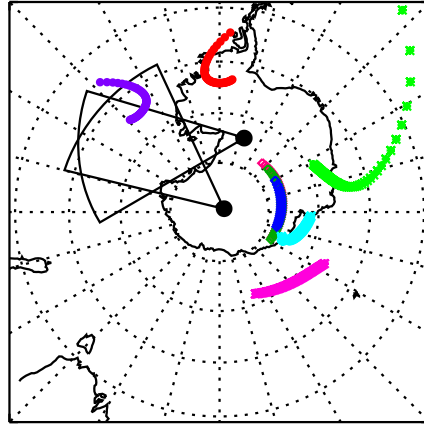
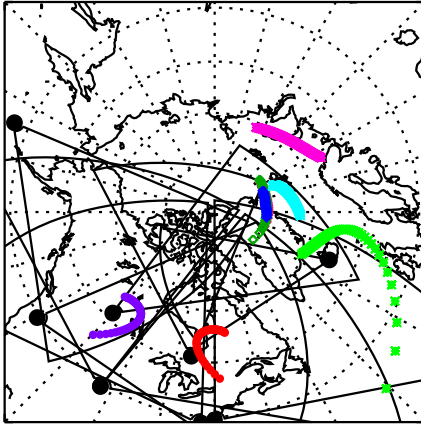
(b) 0235UT to 0715UT
han inv pyk rkn



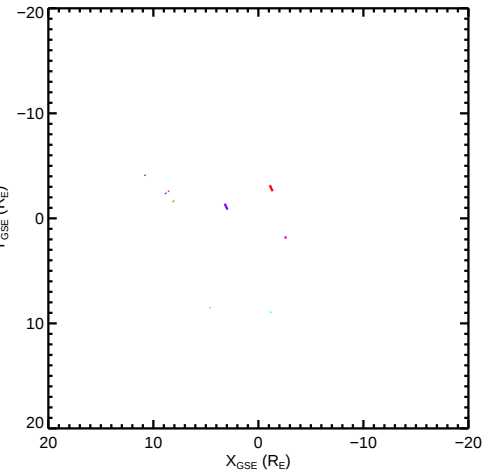
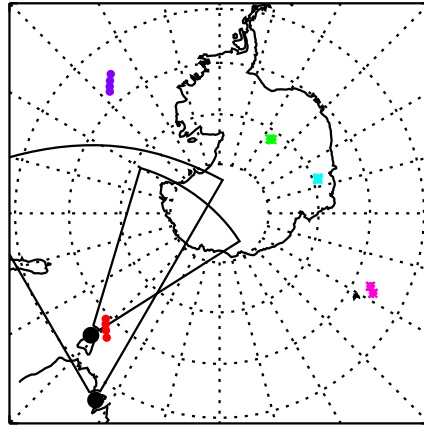
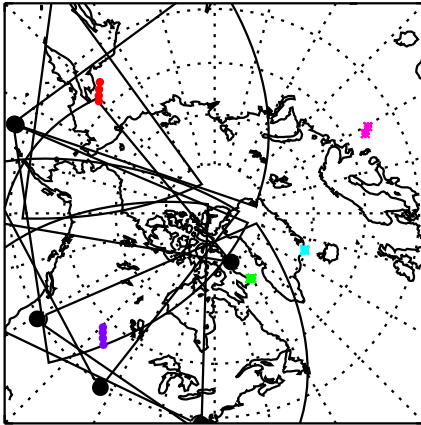
(c) 0925UT to 0930UT
bks cve the



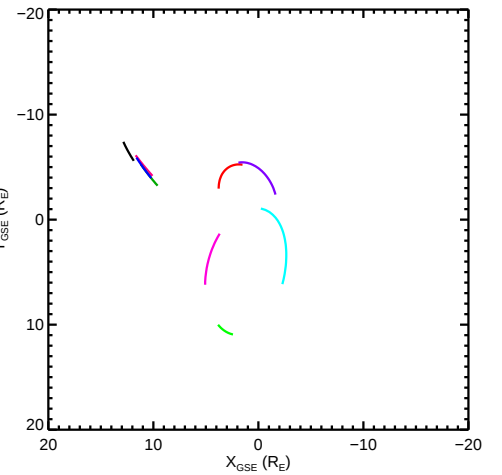
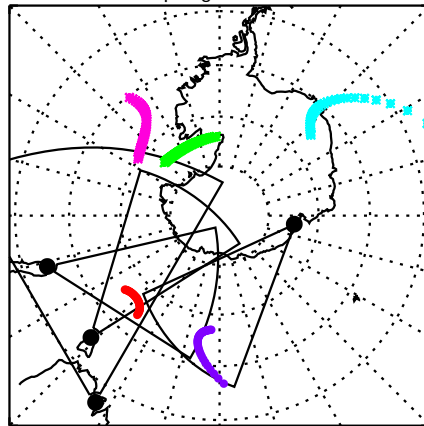
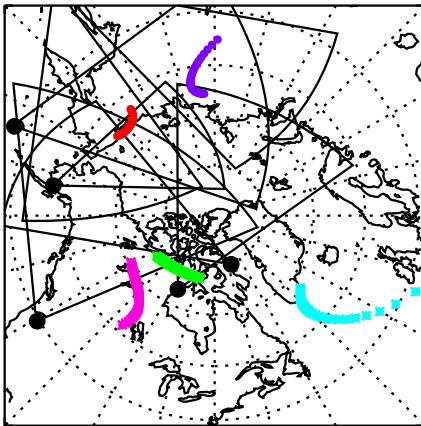
(d) 1140UT to 1615UT
ade bks cve the fhw kap sas sto wal



(e) 1820UT to 1835UT
ade adw bks cly cve fhw hok



(f) 2040UT to 2355UT
adw cly cvw hkw hok ksr rkn

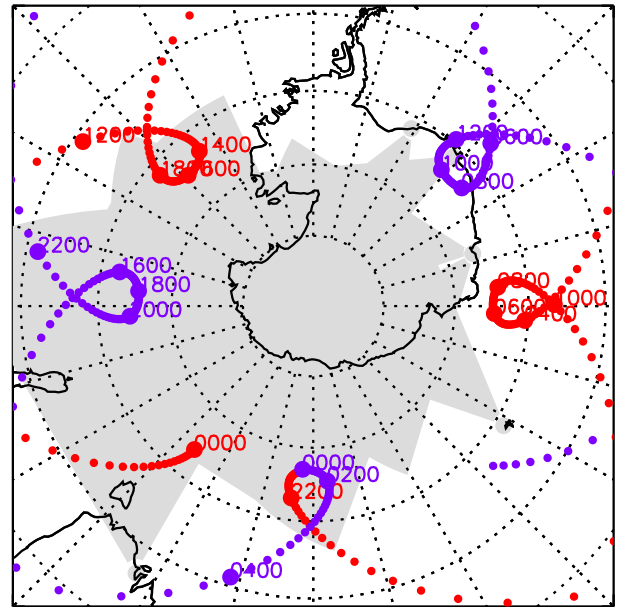
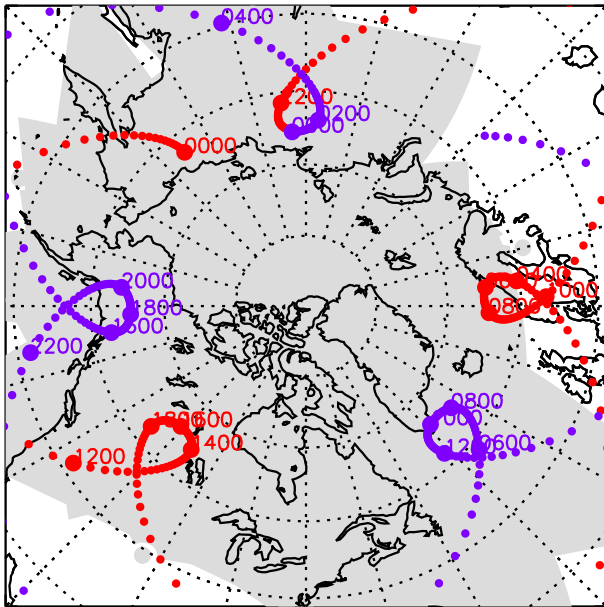


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

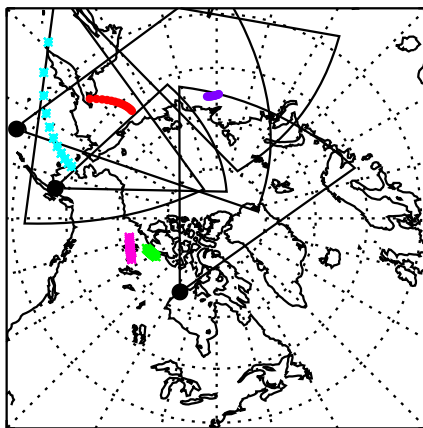
09-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

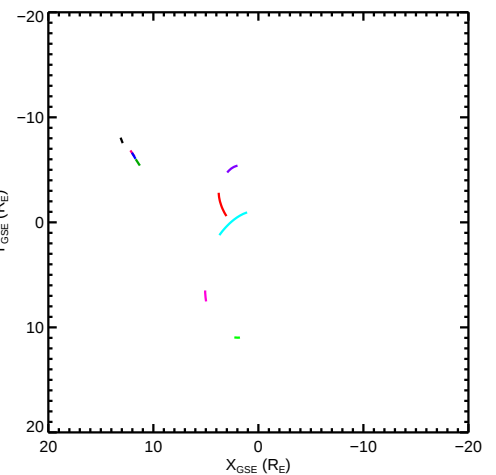
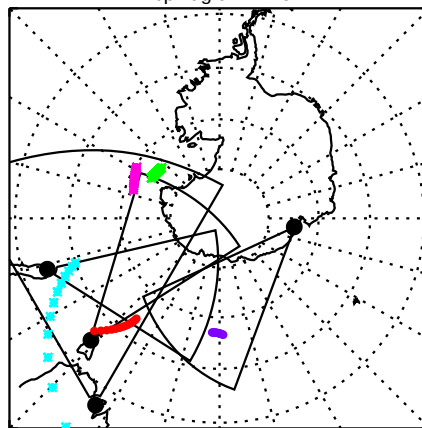
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



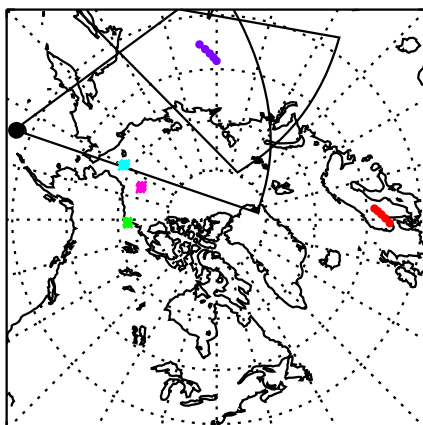
(a) 0000UT to 0110UT
adw hkw hok ksr rkn



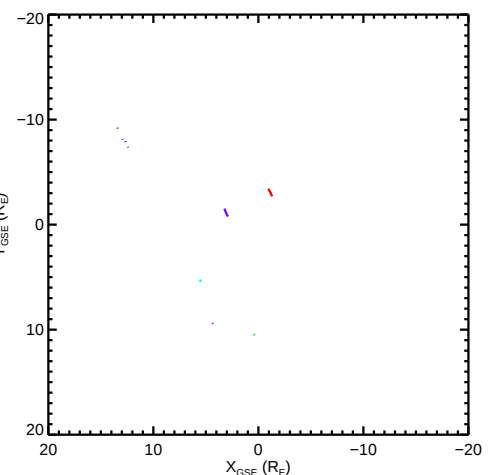
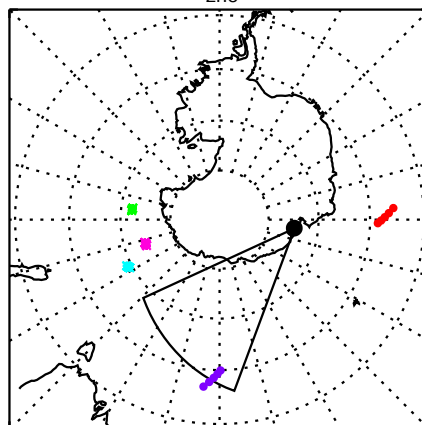
bpk tig unw zho



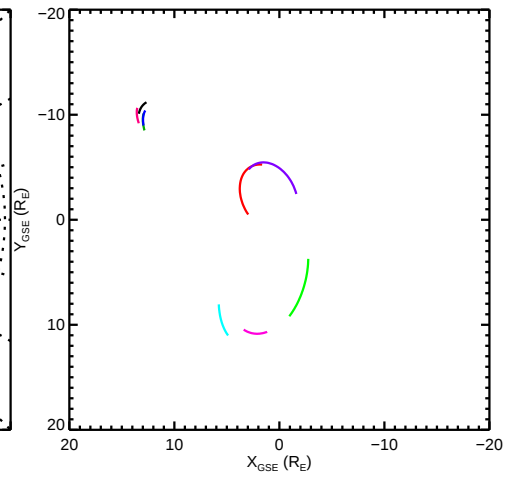
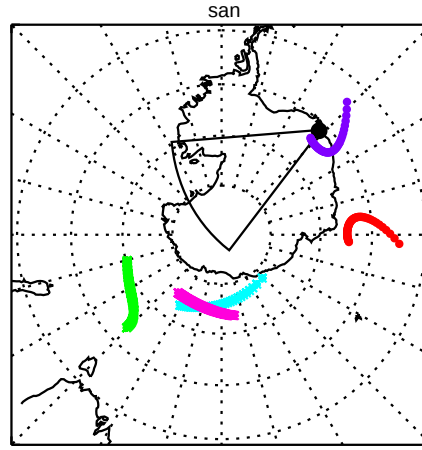
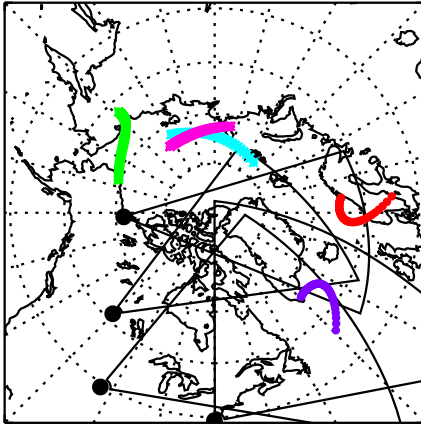
(b) 0320UT to 0340UT
adw hkw



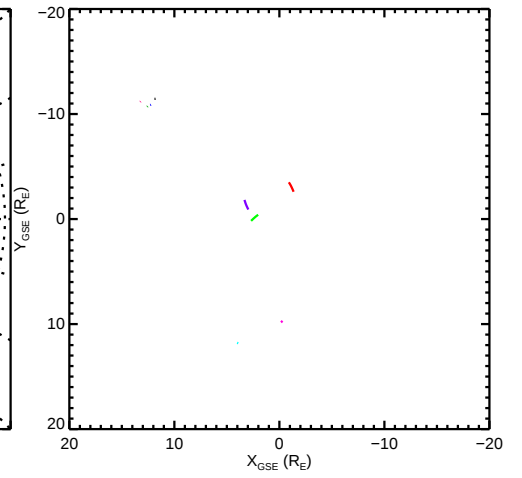
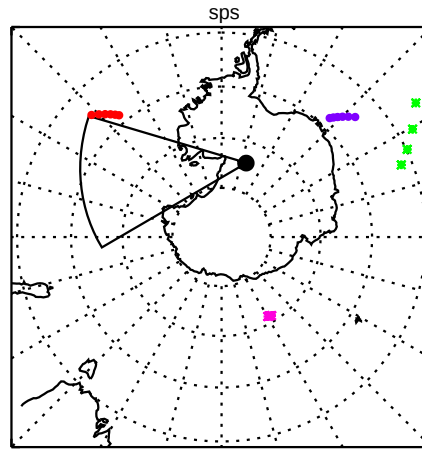
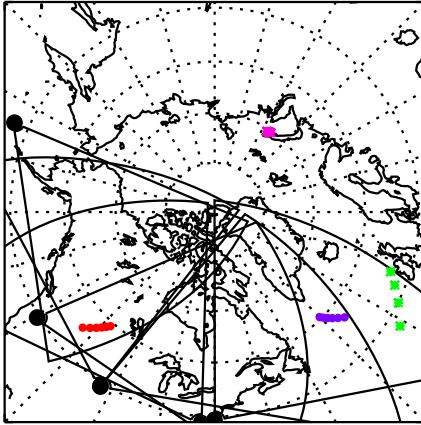
zho



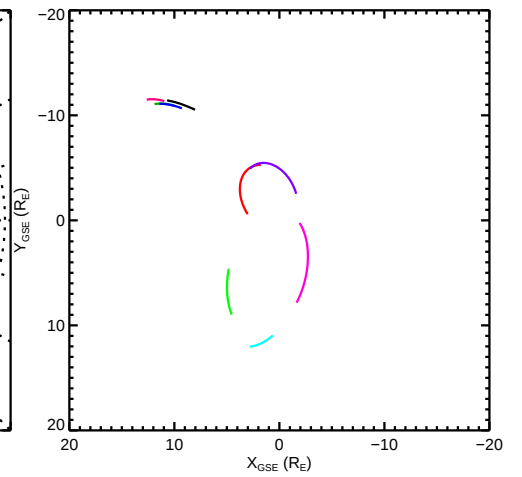
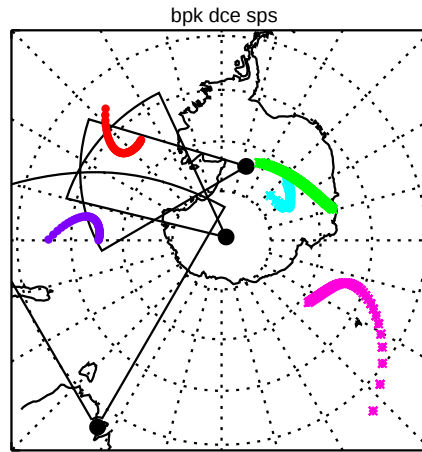
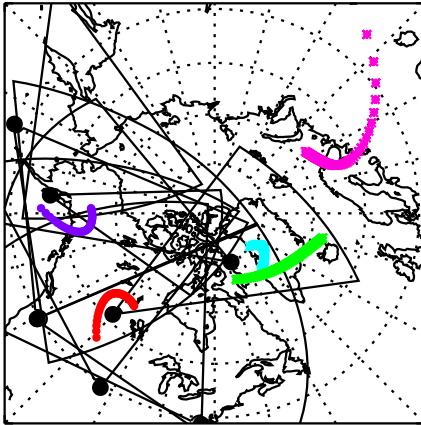
(c) 0545UT to 1010UT
the inv sas wal



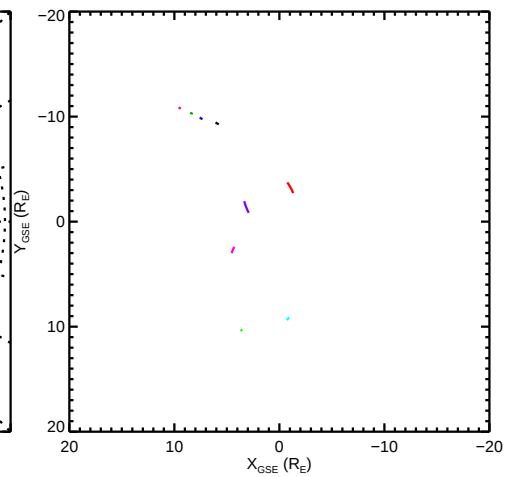
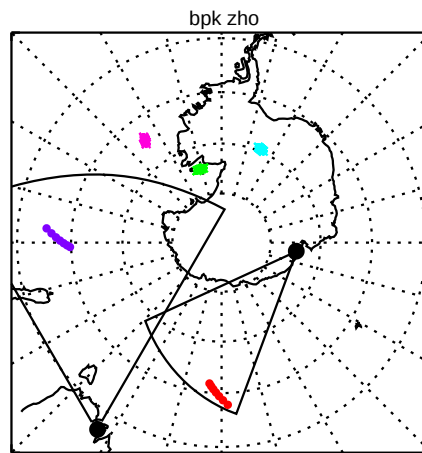
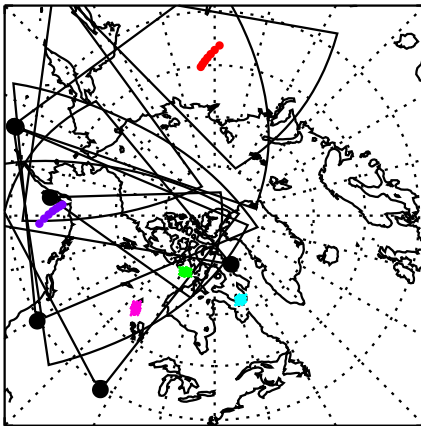
(d) 1215UT to 1240UT
ade bks cve the fhw wal



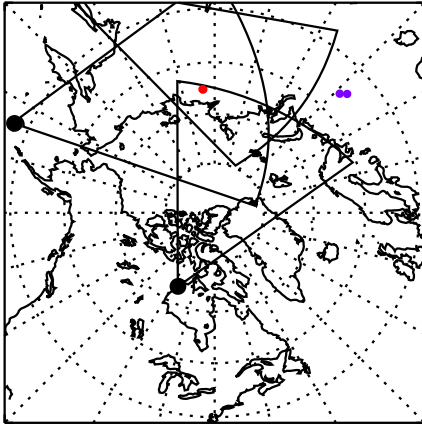
(e) 1450UT to 1905UT
ade bks cly cve cvw fhw hok kod sas



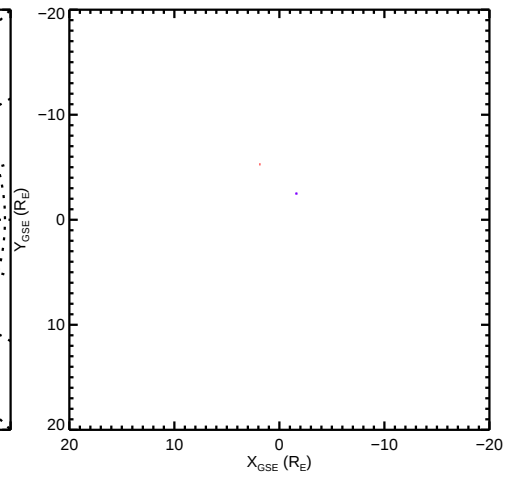
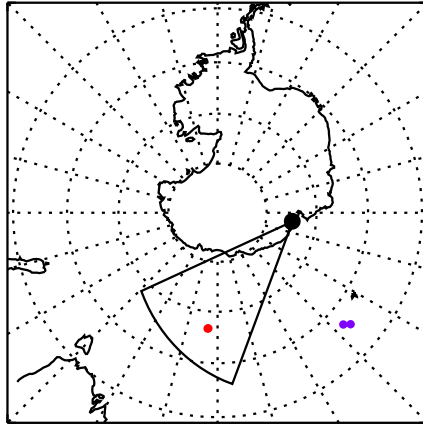
(f) 2115UT to 2145UT
ade adw cly cvw fhw hkw hok kod



(g) 2350UT to 2355UT
adw hkw rkn



zho

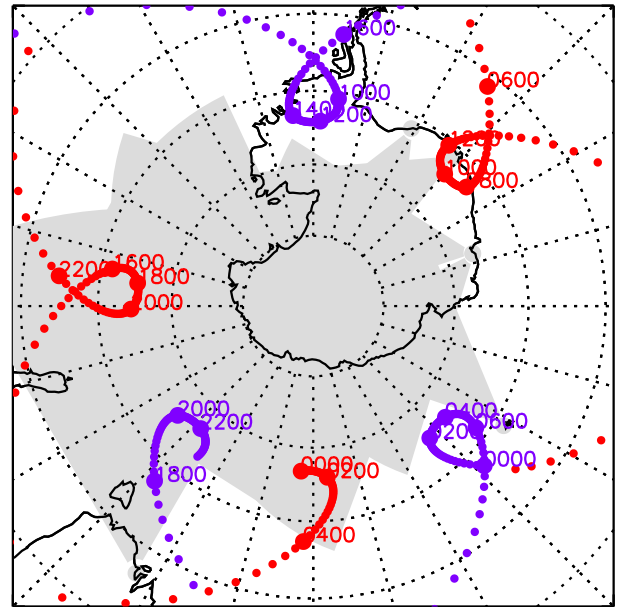
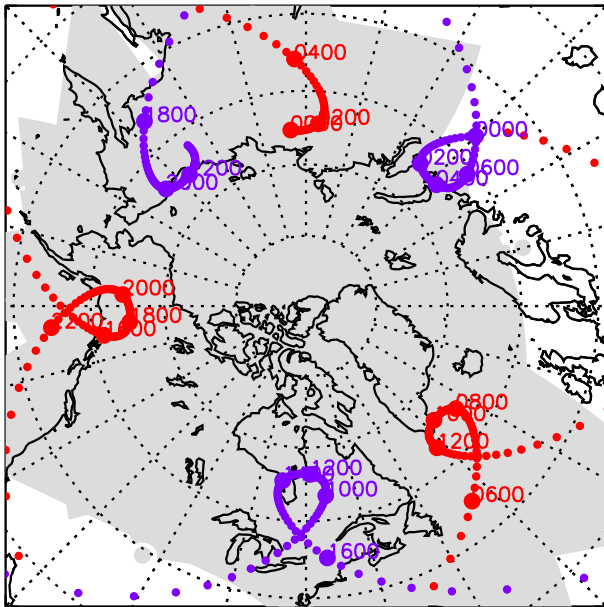


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

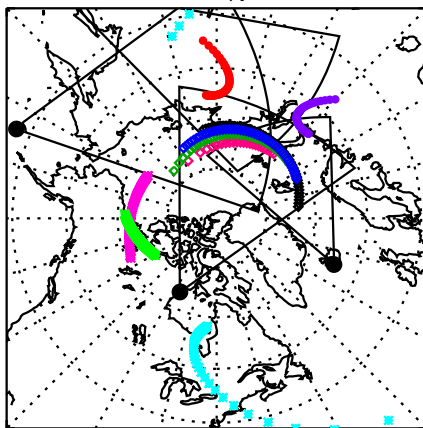
10-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

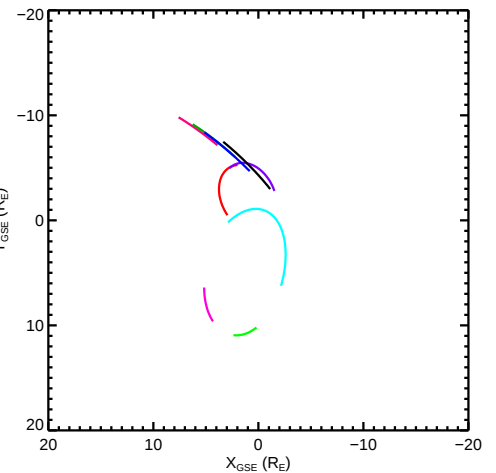
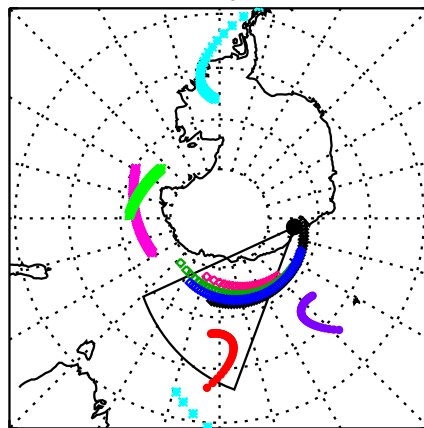
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



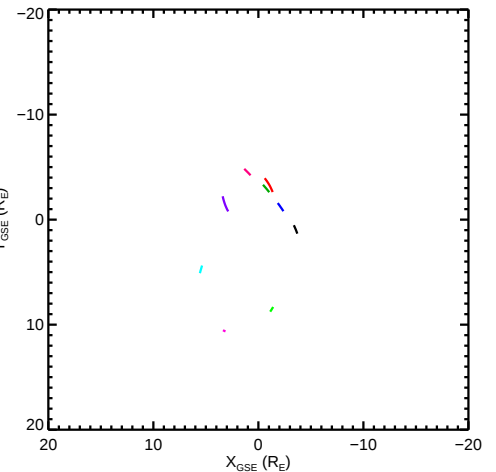
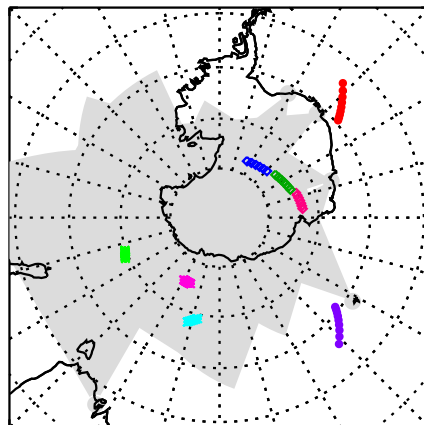
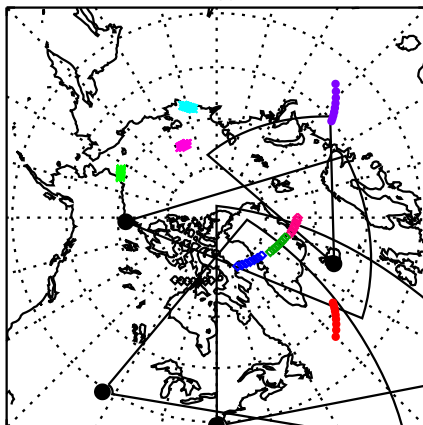
(a) 0000UT to 0405UT
adw hkw pyk rkn



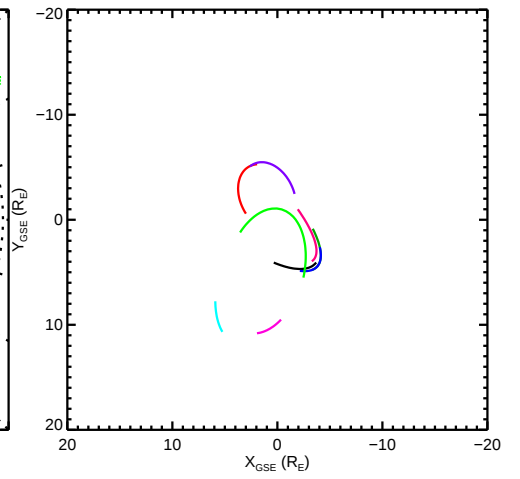
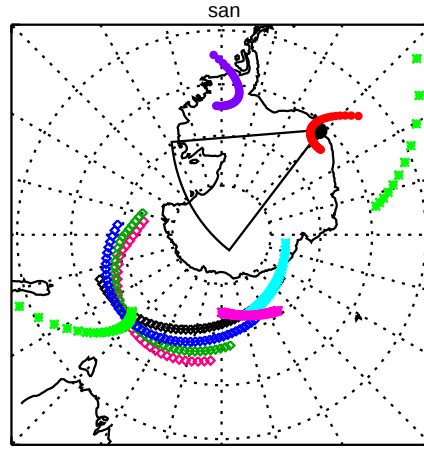
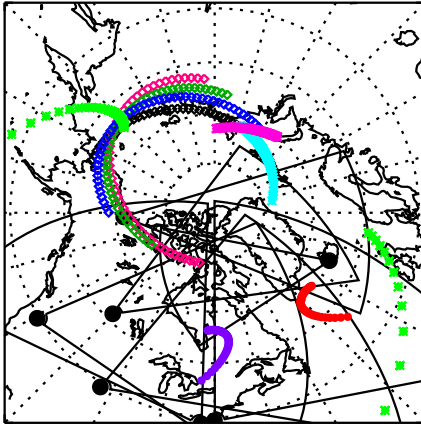
zho



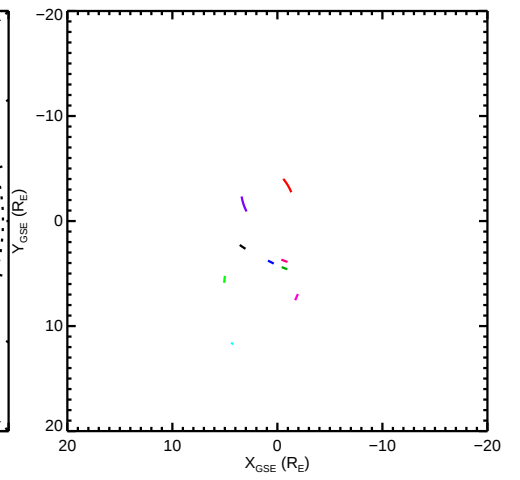
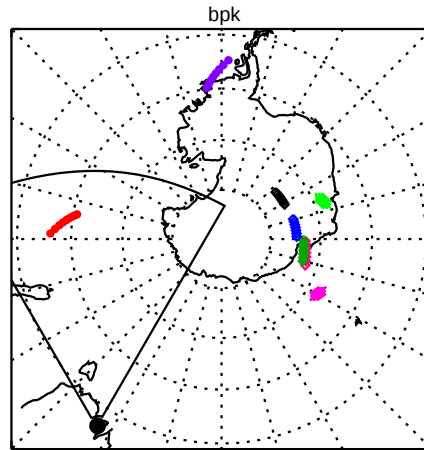
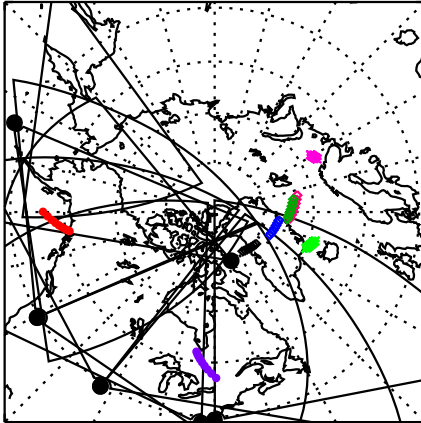
(b) 0610UT to 0650UT
fne inv pyk wal



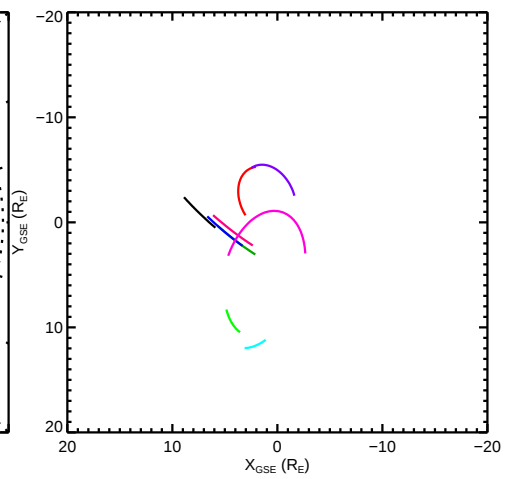
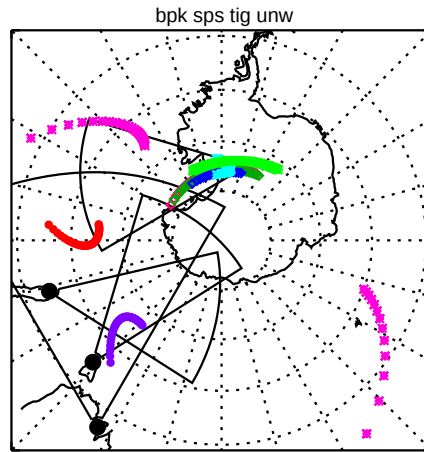
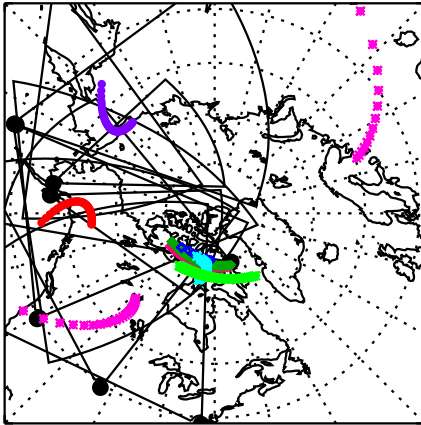
(c) 0855UT to 1300UT
bks cve the inv sas sto wal



(d) 1510UT to 1550UT
ade bks cly cve cvw the fhw hok wal



(e) 1800UT to 2155UT
ade adw bks cly cvw fhw hok kod ksr

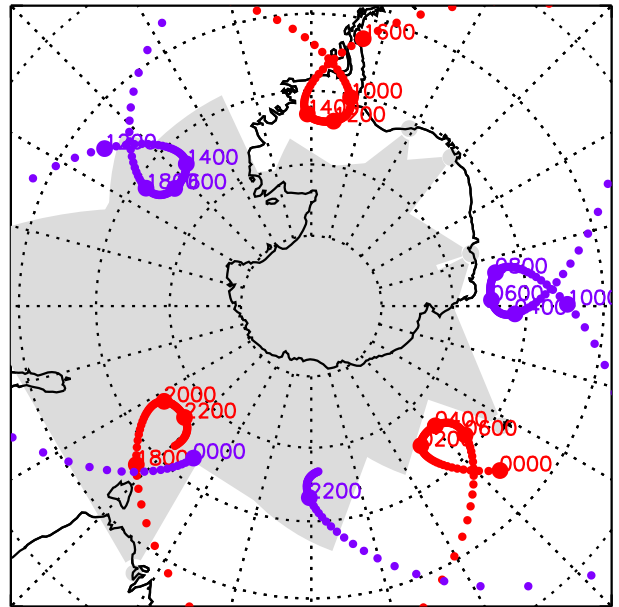
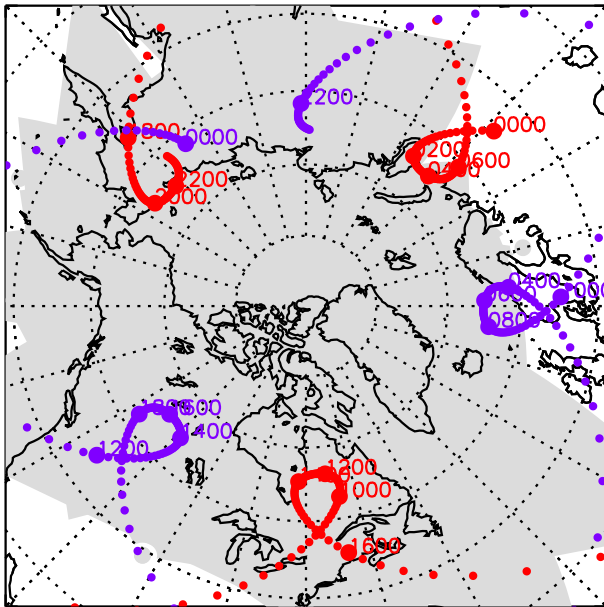


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

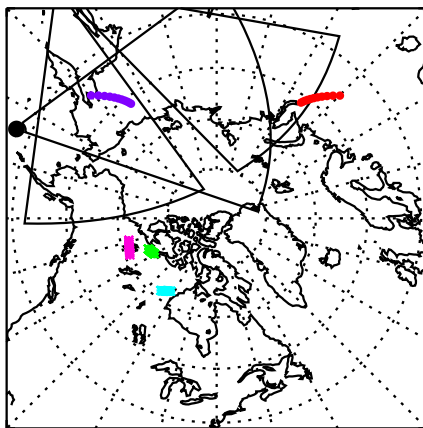
11-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

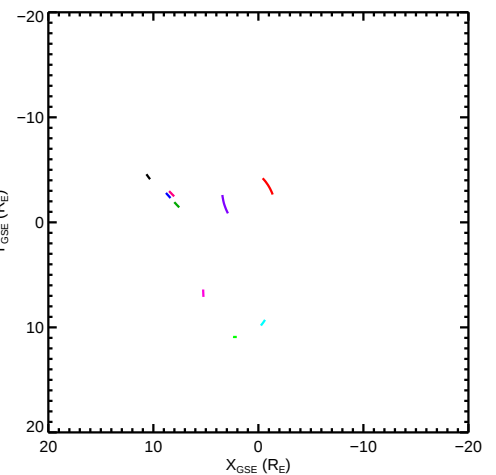
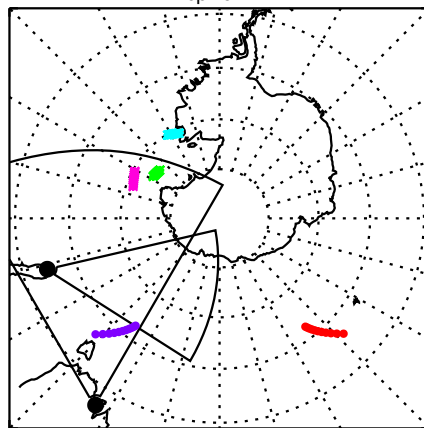
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



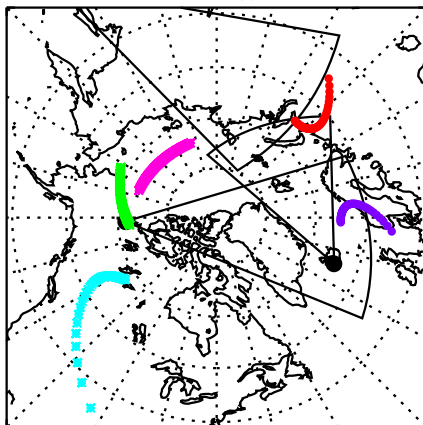
(a) 0005UT to 0055UT
adw hkw hok



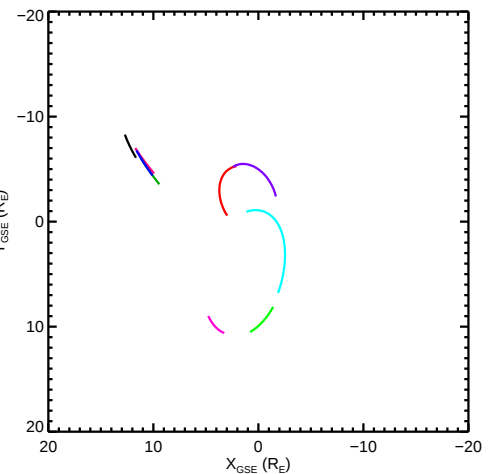
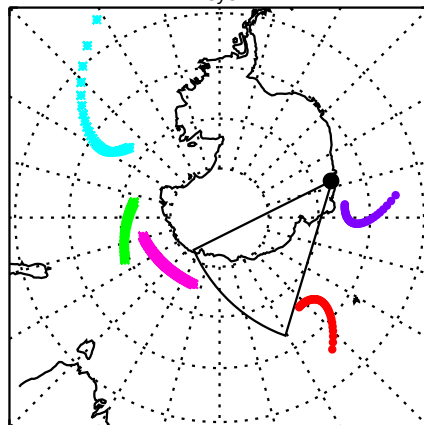
bpk unw



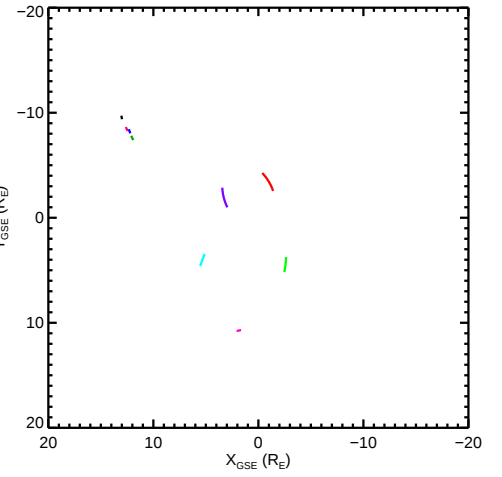
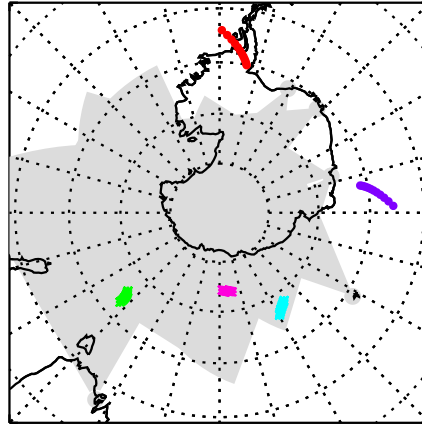
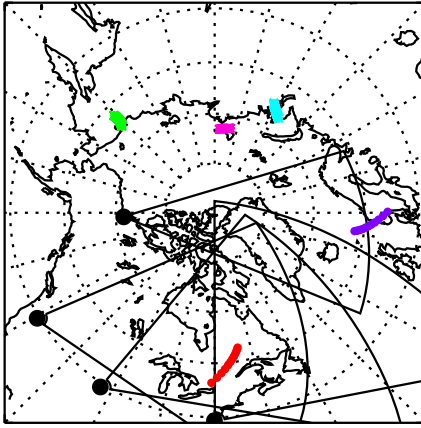
(b) 0300UT to 0655UT
hkw inv pyk



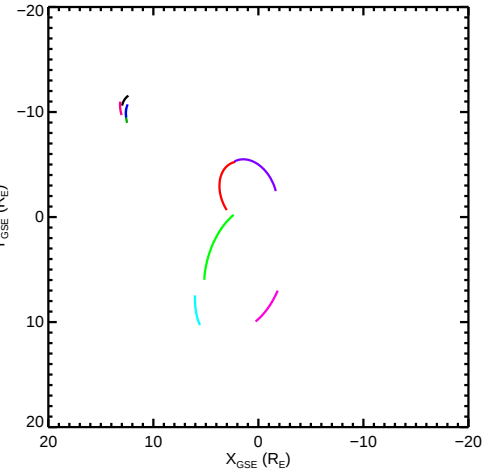
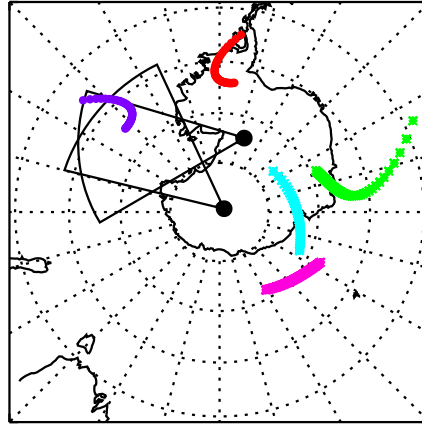
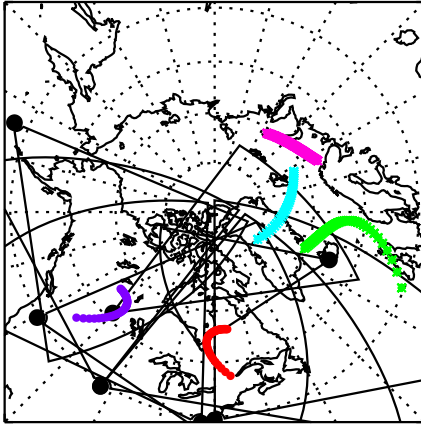
syk



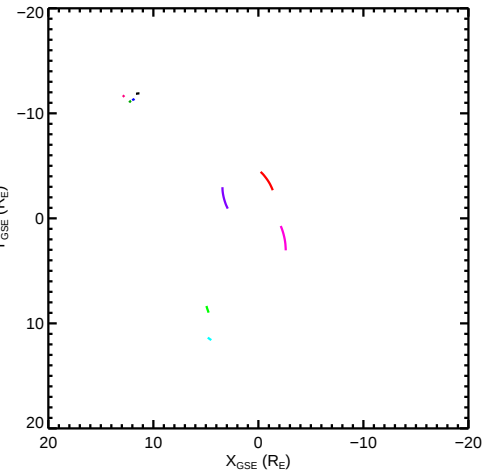
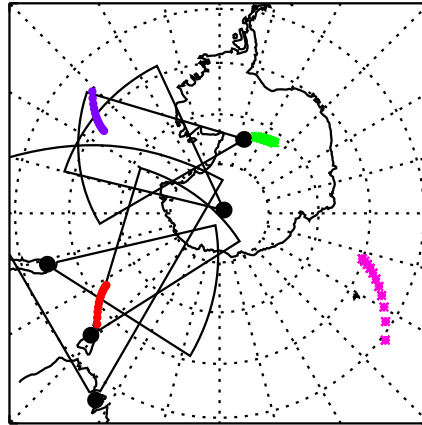
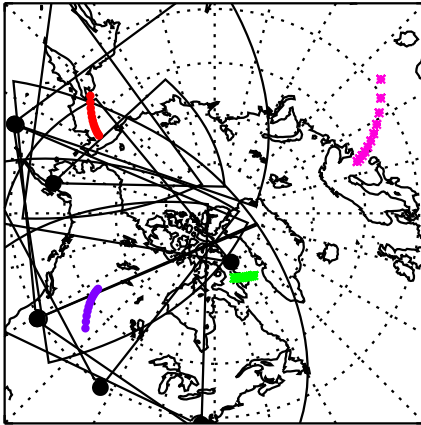
(c) 0900UT to 0955UT
cve the inv wal



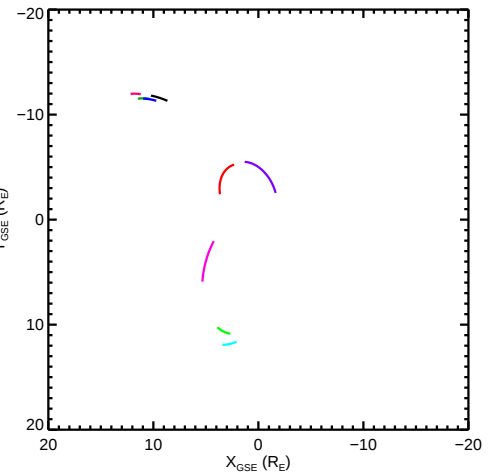
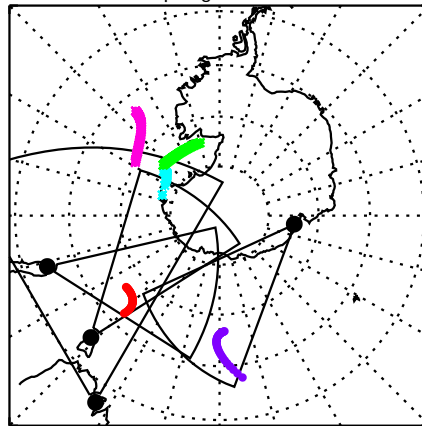
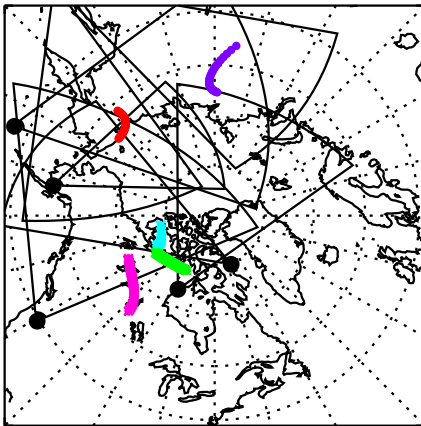
(d) 1205UT to 1550UT
ade bks cve the fhw sas sto wal



(e) 1800UT to 1900UT
ade adw bks cly cve cvw fhw hok ksr



(f) 2110UT to 2355UT
adw cly cvw hkw hok ksr rkn

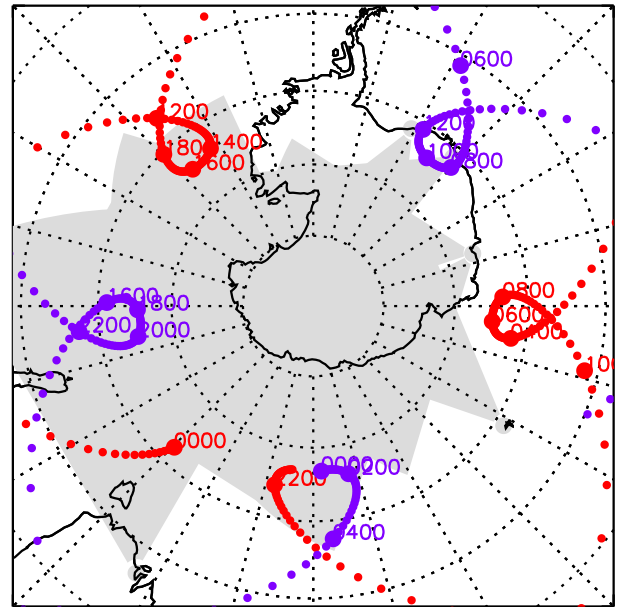
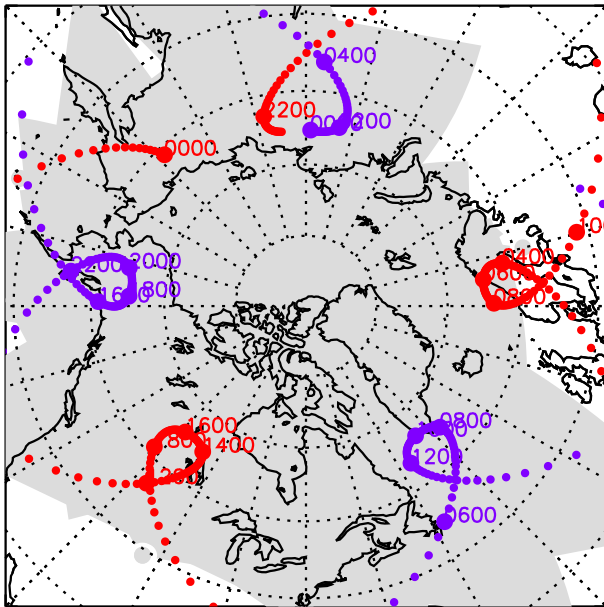


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

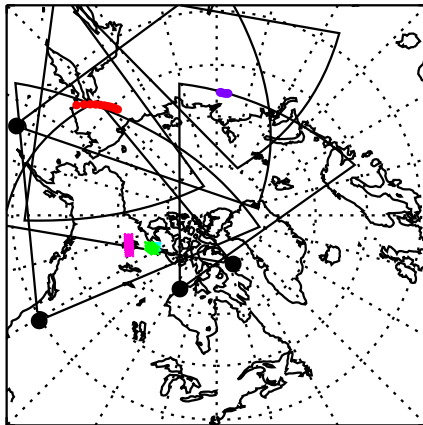
12-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

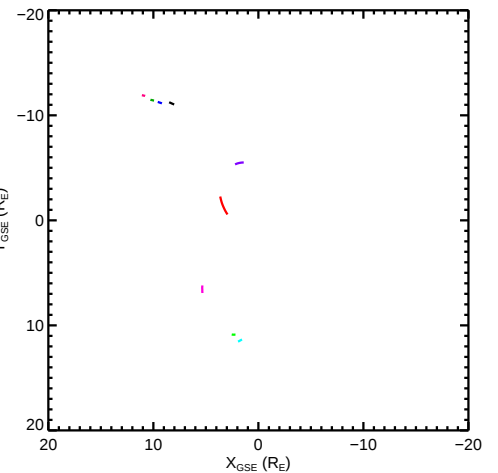
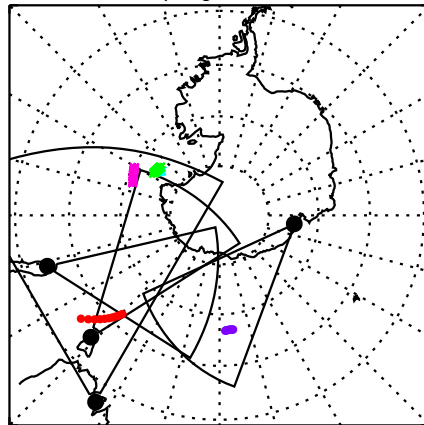
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



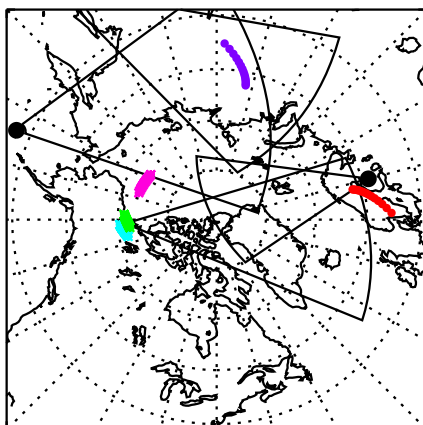
(a) 0000UT to 0050UT
adw cly cvw hkw hok rkn



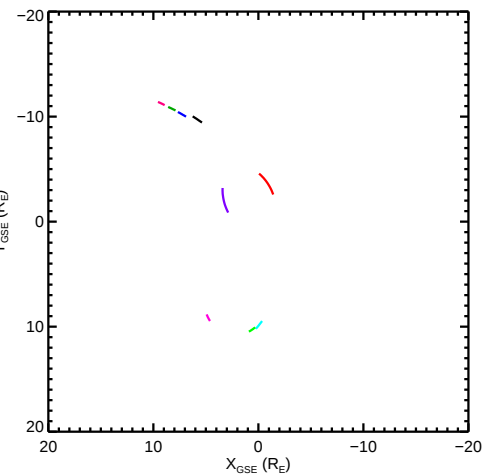
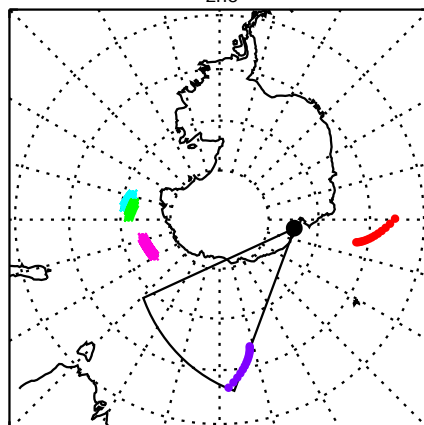
bpk tig unw zho



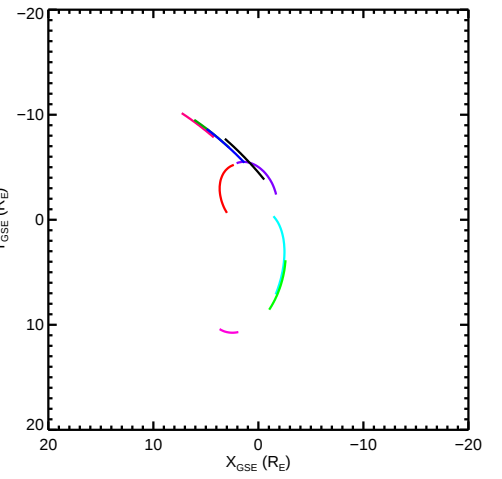
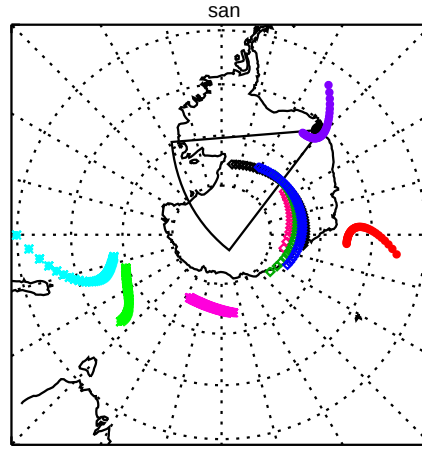
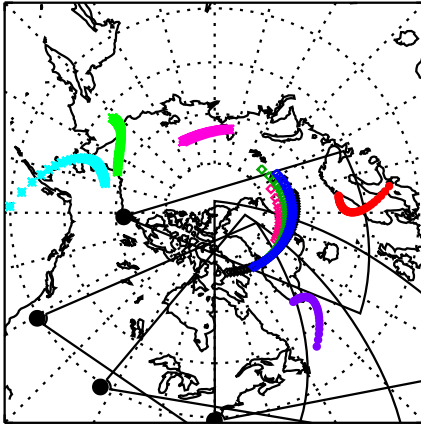
(b) 0255UT to 0405UT
adw han hkw inv



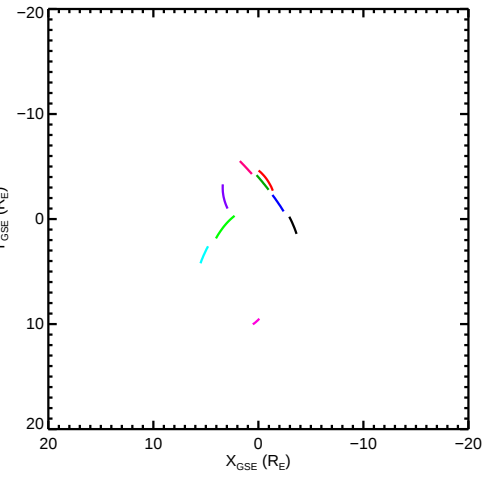
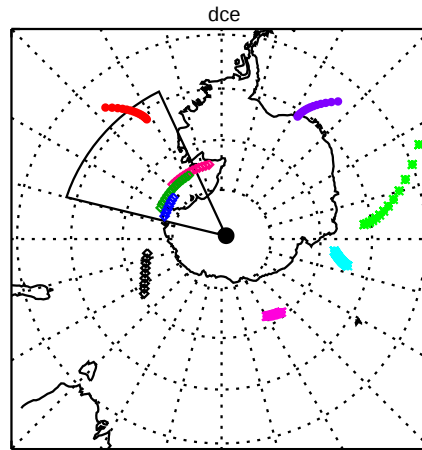
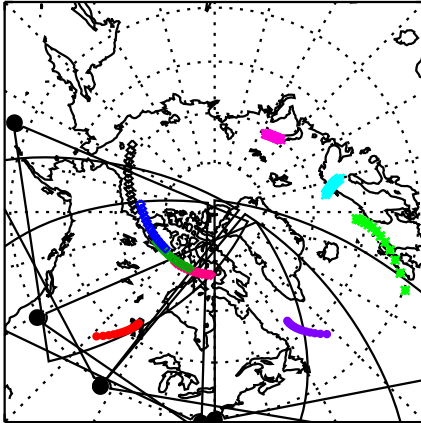
zho



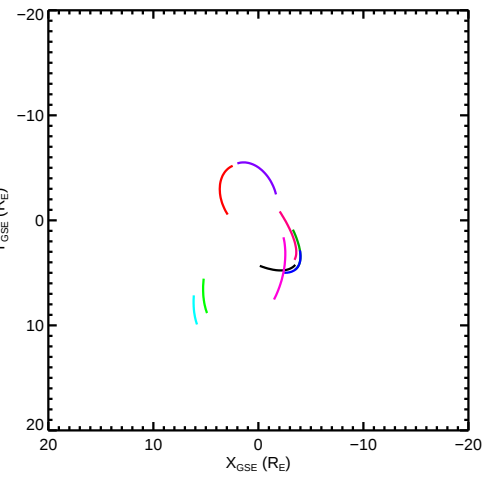
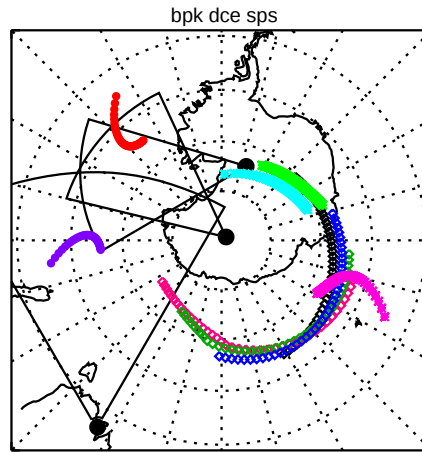
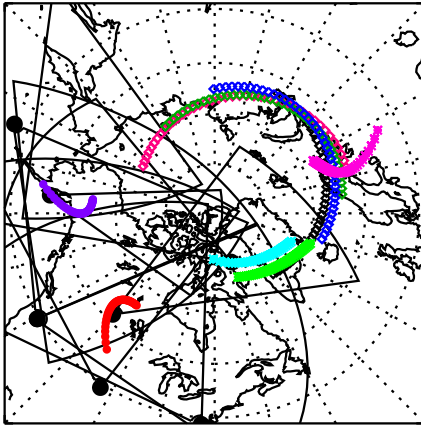
(c) 0610UT to 0945UT
cve the inv wal



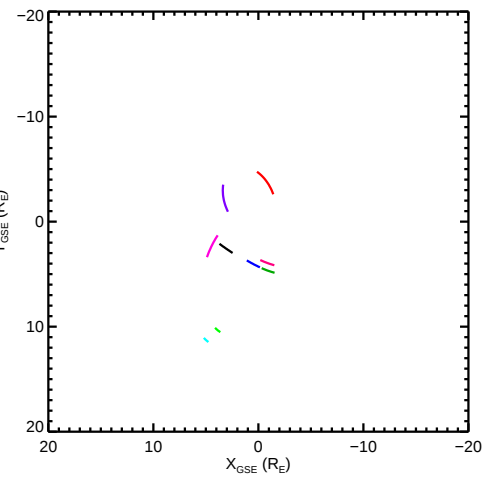
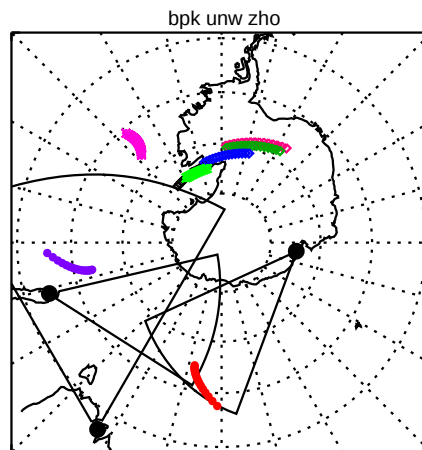
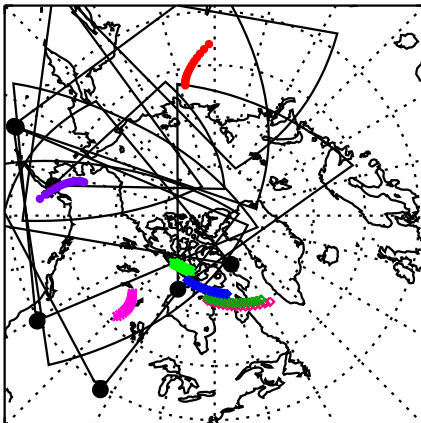
(d) 1155UT to 1305UT
ade bks cve the fhw wal



(e) 1515UT to 1845UT
ade bks cly cve cvw fhw hok kod sas



(f) 2050UT to 2210UT
ade adw cly cvw fhw hkw hok ksr rkn

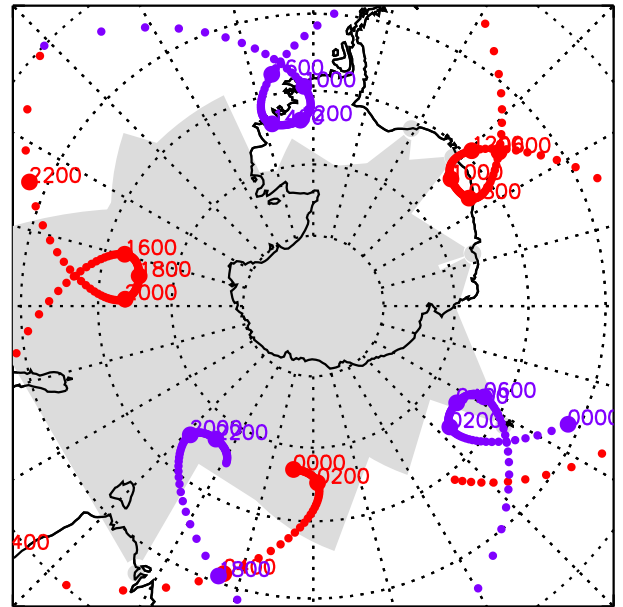
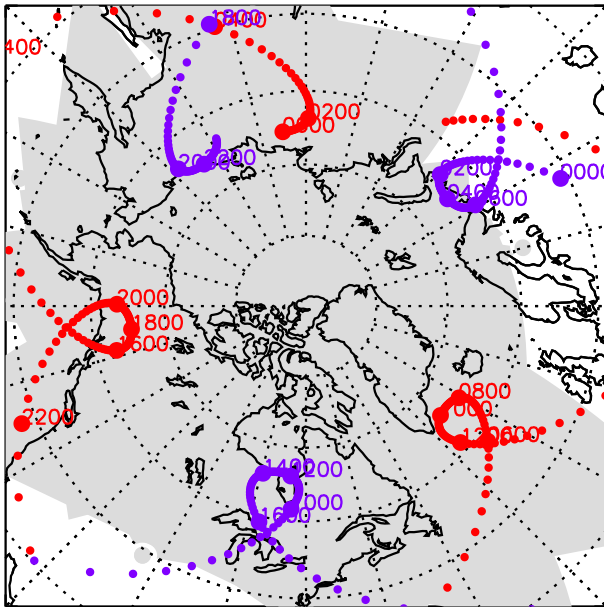


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

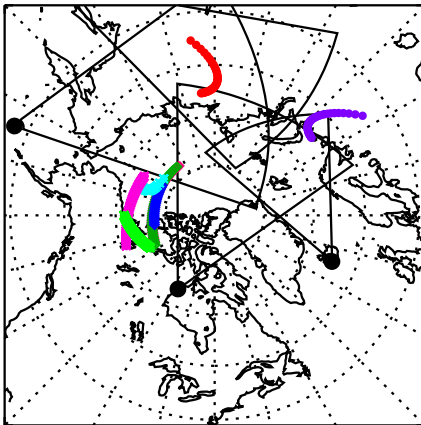
13-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

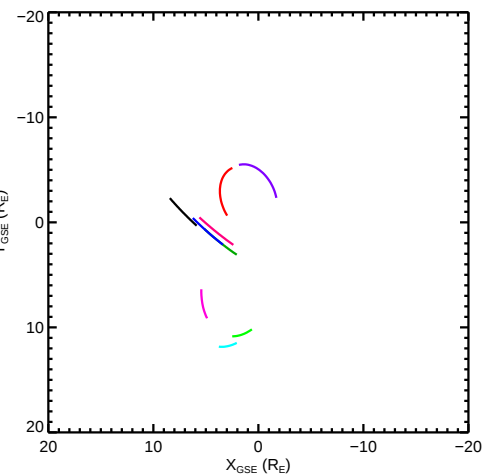
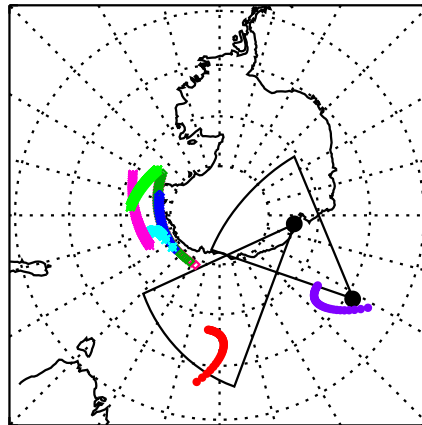
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



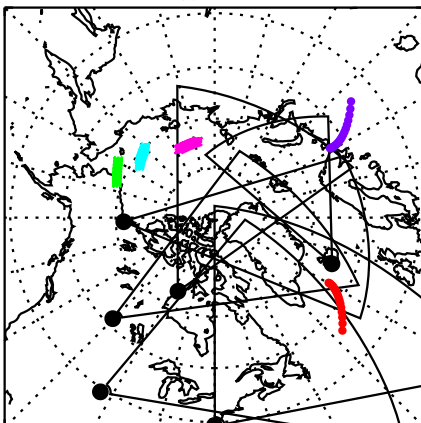
(a) 0015UT to 0340UT
adw hkw pyk rkn



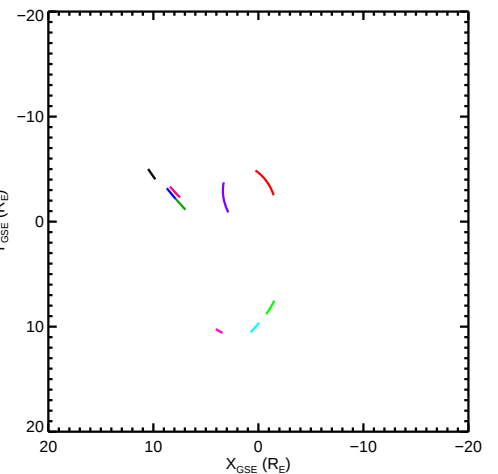
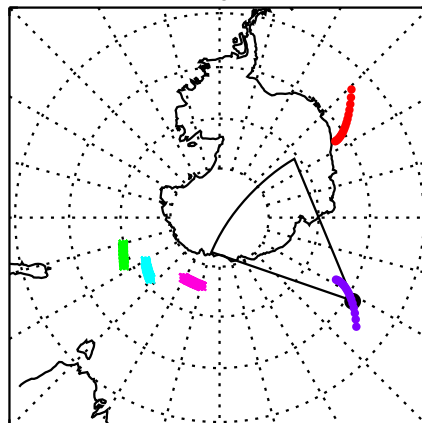
ker zho



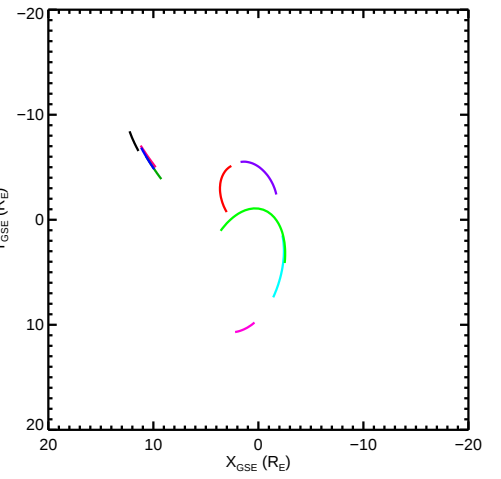
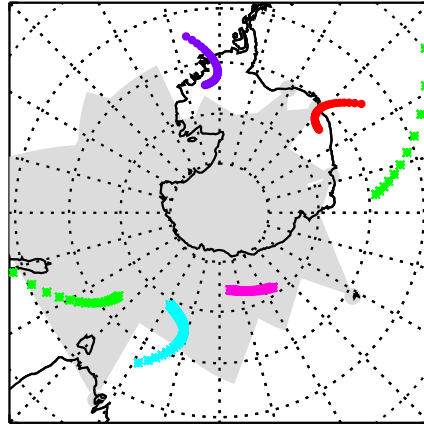
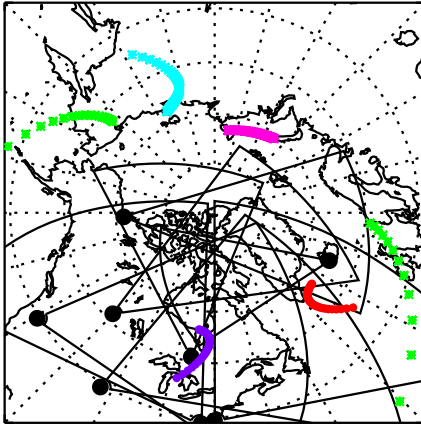
(b) 0545UT to 0715UT
the inv pyk rkn sas wal



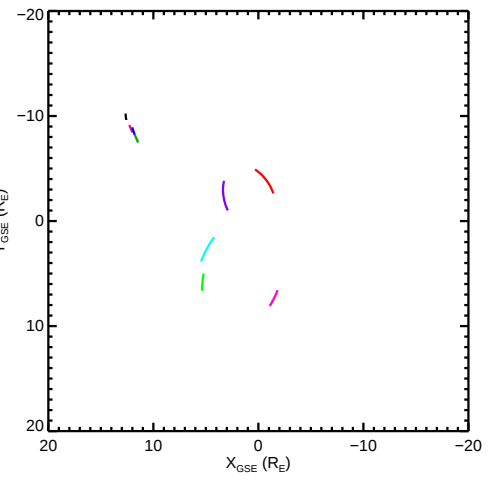
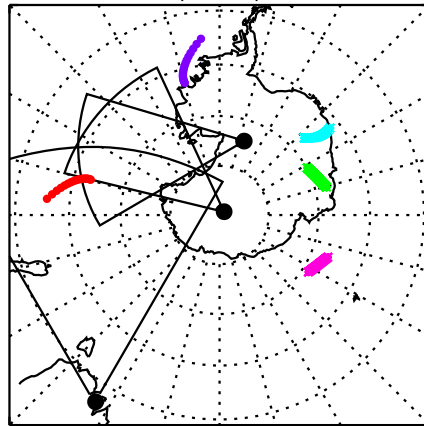
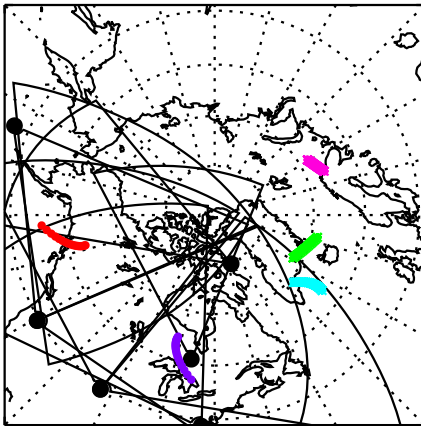
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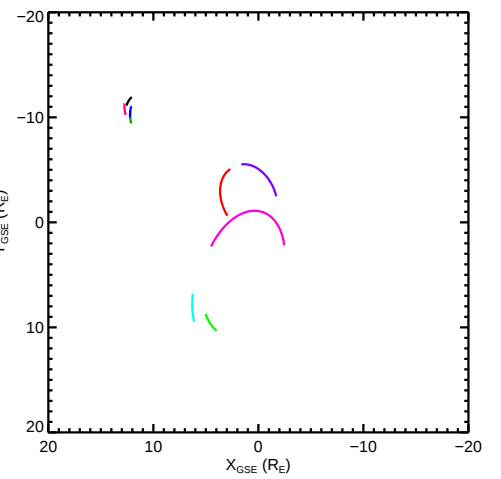
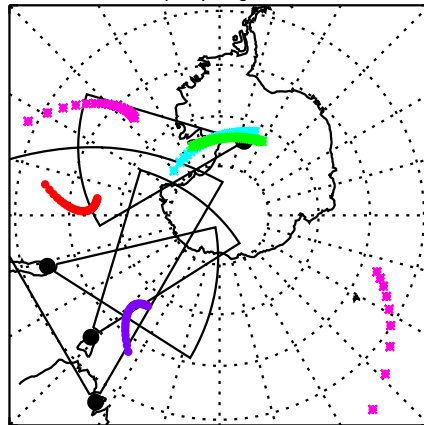
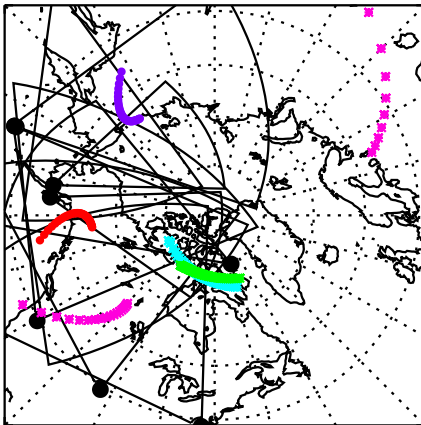
(c) 0920UT to 1235UT
bks cve the inv kap sas sto wal



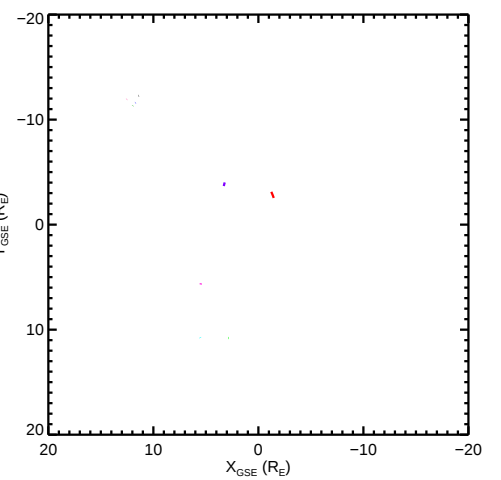
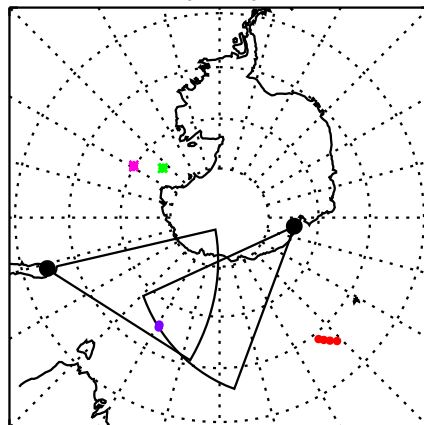
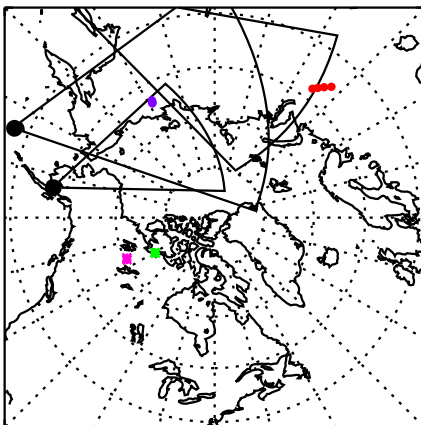
(d) 1445UT to 1615UT
ade bks cly cve cvw fhe fhw kap



(e) 1825UT to 2135UT
ade adw bks cly cvw fhw hok kod ksr



(f) 2340UT to 2355UT
adw hkw ksr

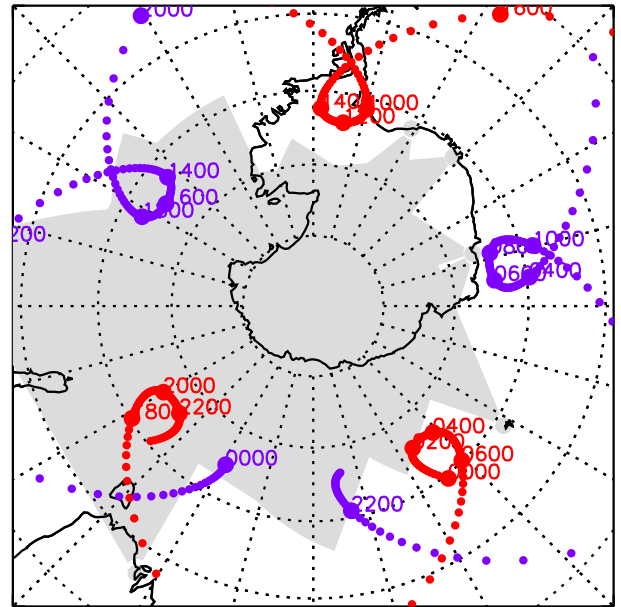
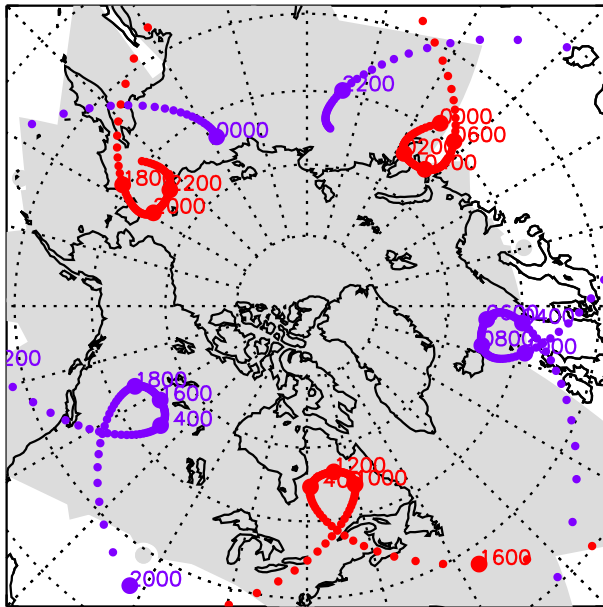


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

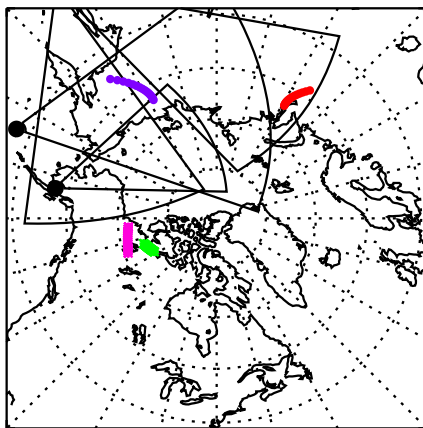
14-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

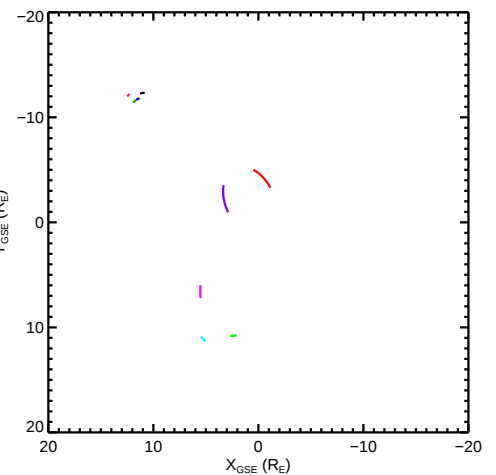
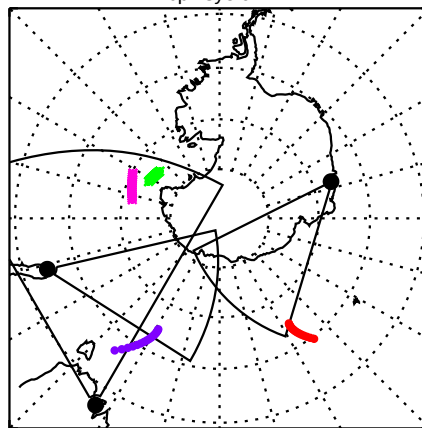
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



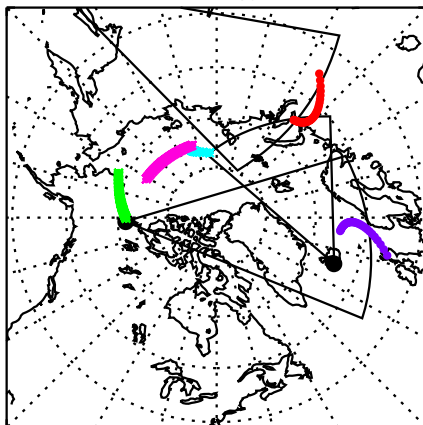
(a) 0000UT to 0120UT
adw hkw hok ksr



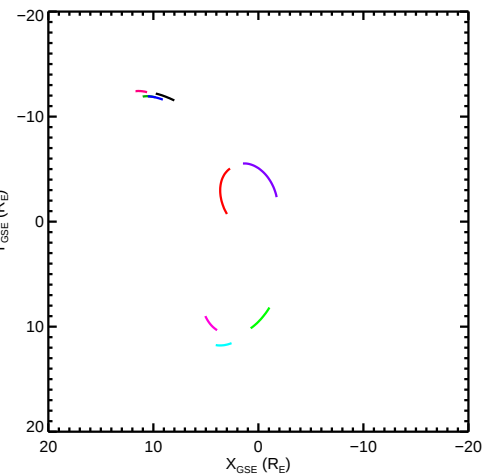
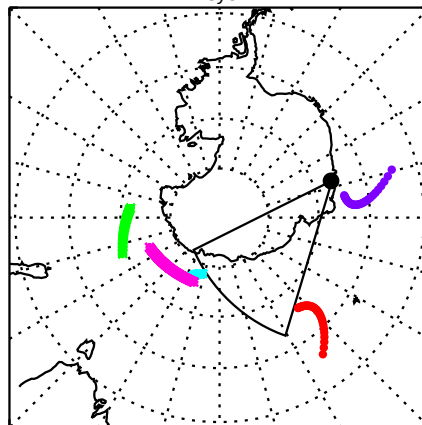
bpk sye unw



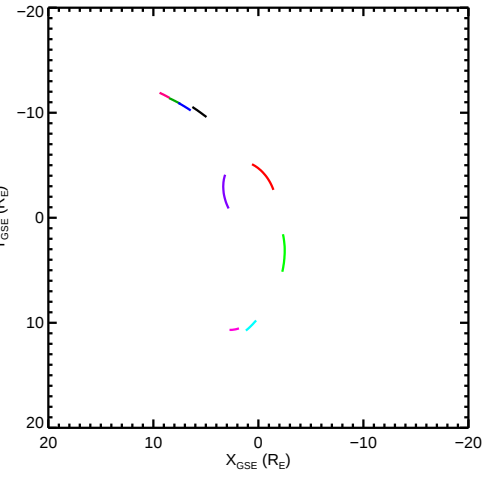
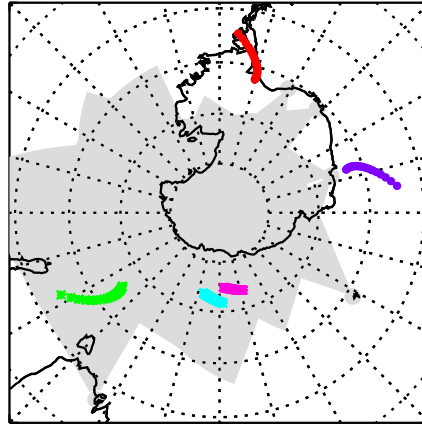
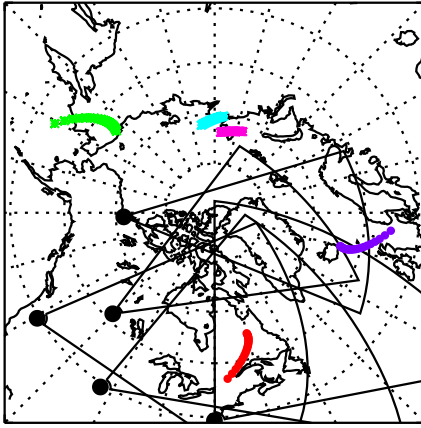
(b) 0325UT to 0630UT
hkw inv pyk



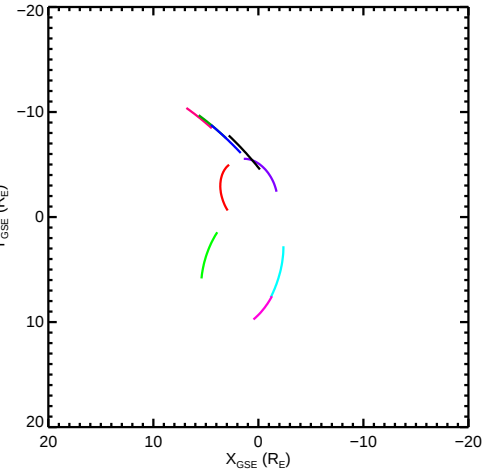
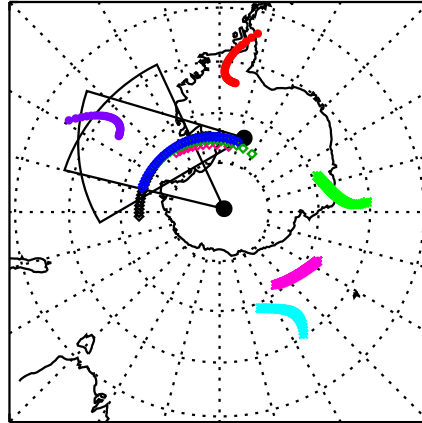
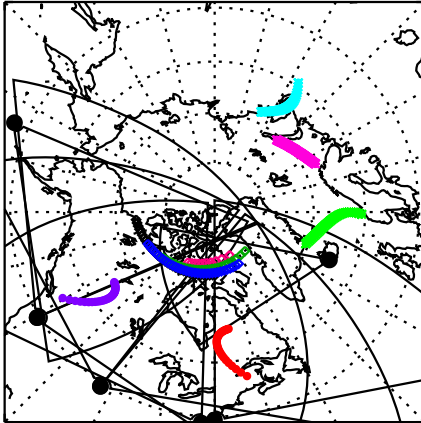
sye



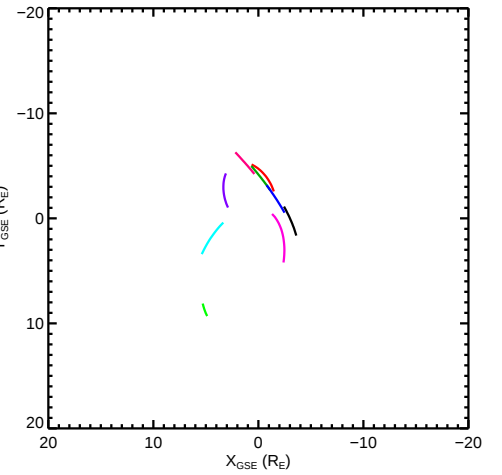
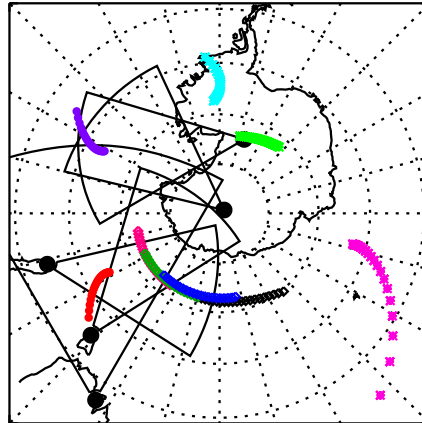
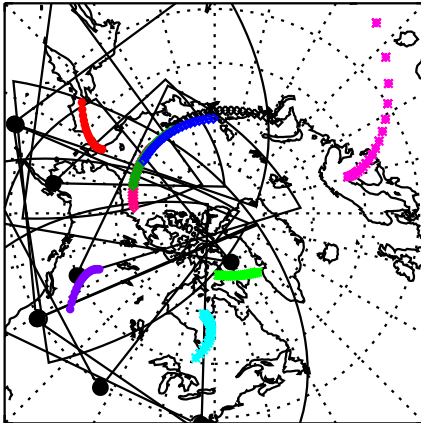
(c) 0840UT to 1025UT
cve the inv sas wal



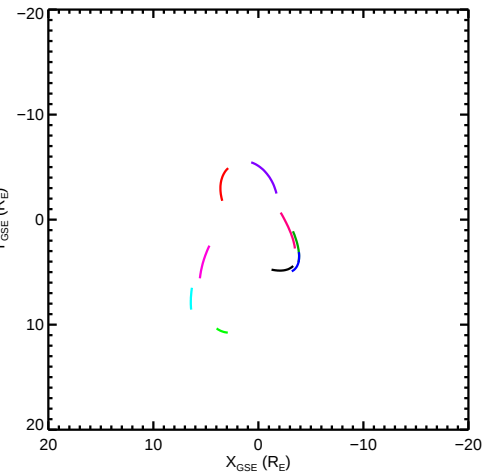
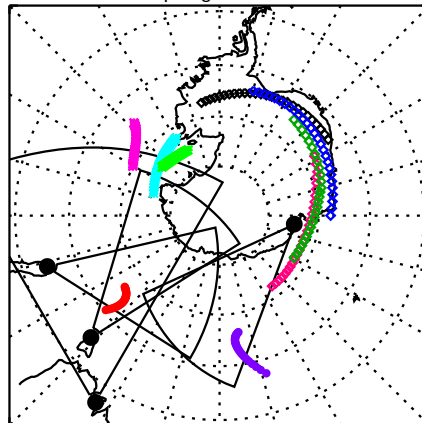
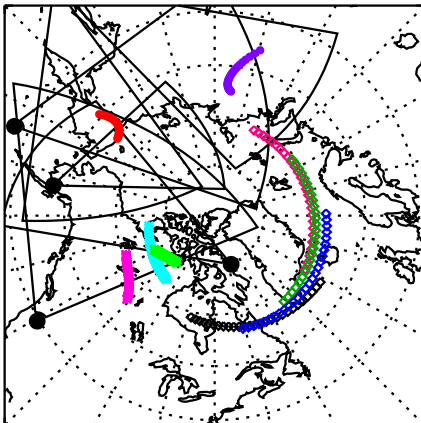
(d) 1230UT to 1530UT
ade bks cve cvw the fhw sto wal



(e) 1735UT to 1925UT
ade adw bks cly cve cvw fhw hok ksr pgr



(f) 2135UT to 2355UT
adw cly cvw hkw hok ksr

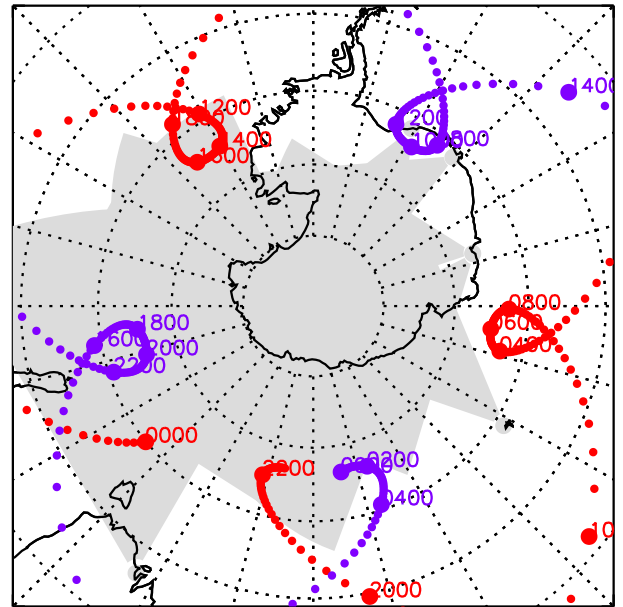
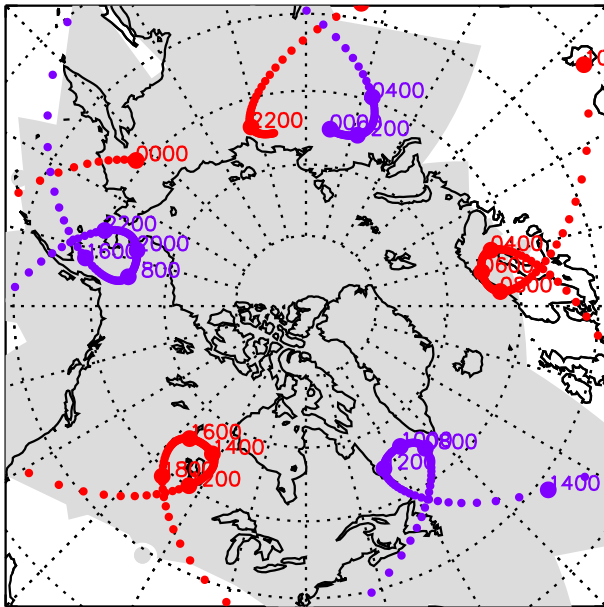


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

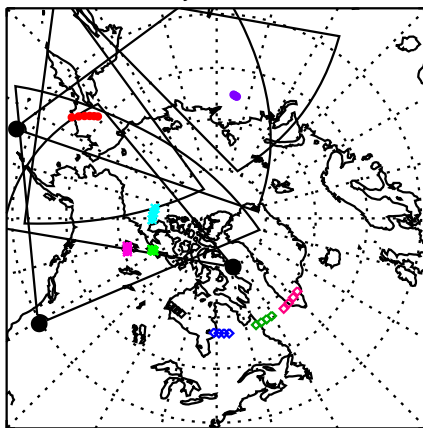
15-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

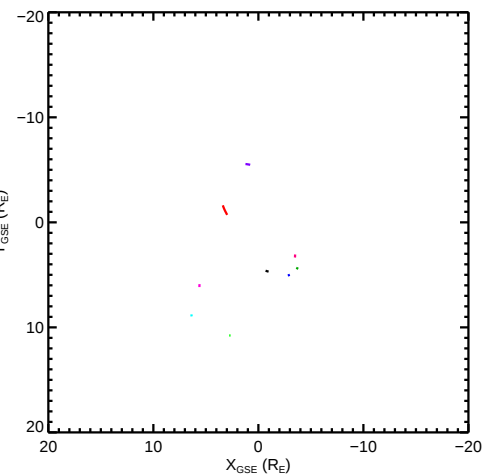
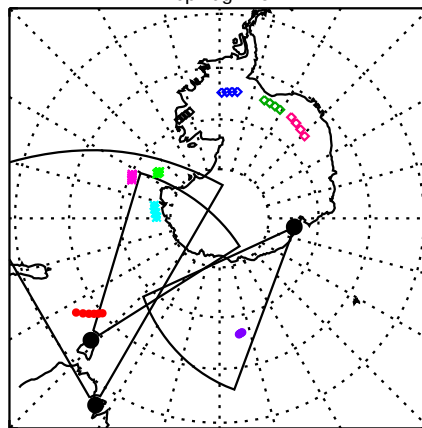
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



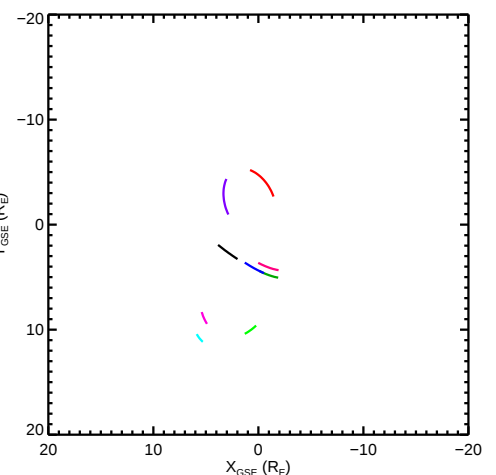
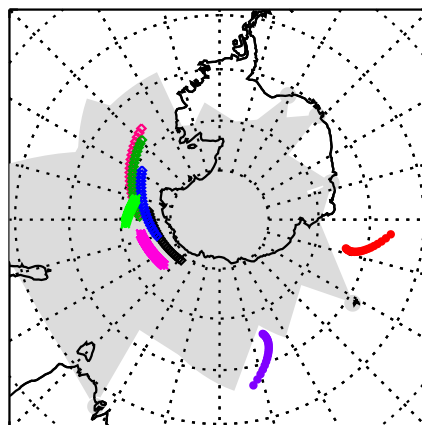
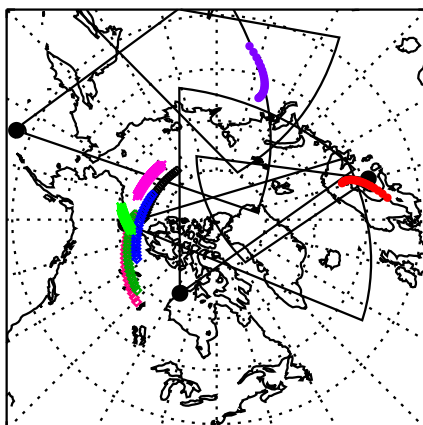
(a) 0000UT to 0025UT
adw cly cvw hkw hok



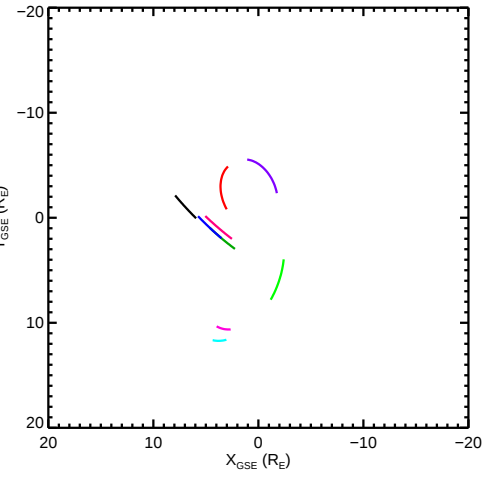
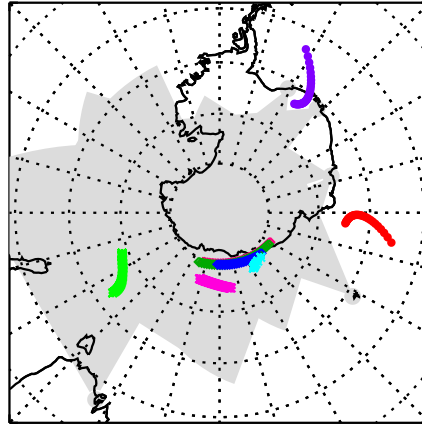
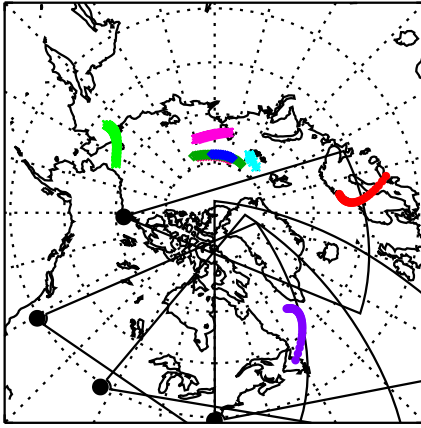
bpk tig zho



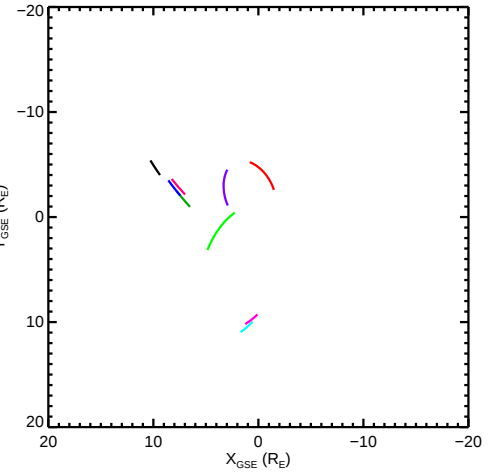
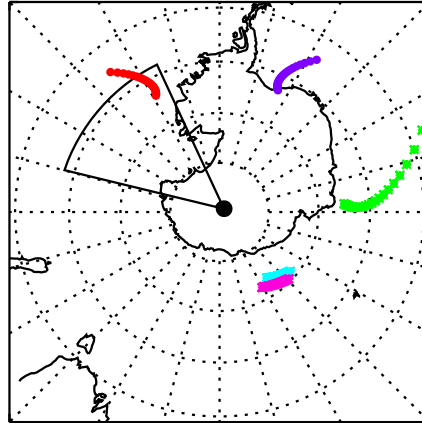
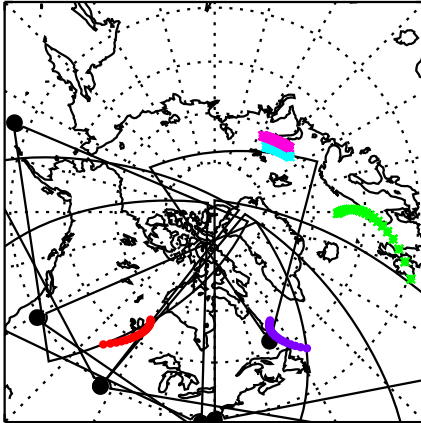
(b) 0235UT to 0430UT
adw han hkw inv rkn



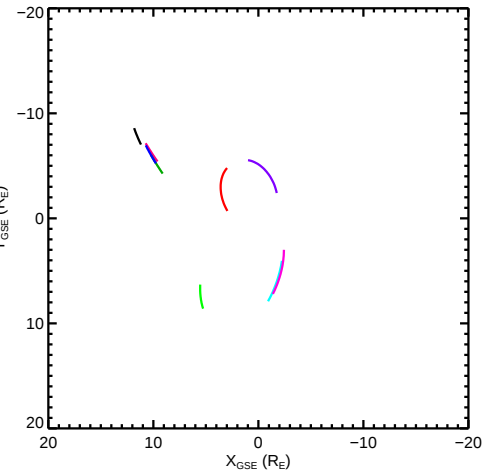
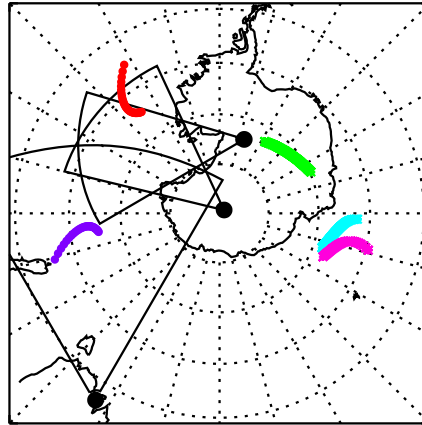
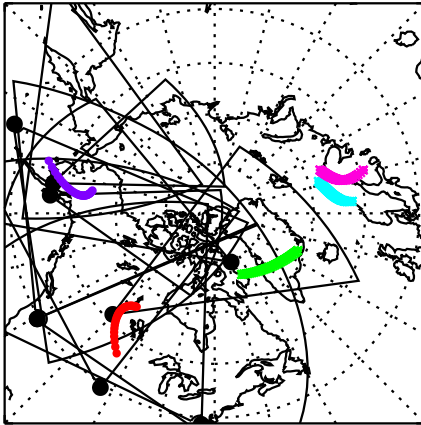
(c) 0635UT to 0920UT
cve the inv wal



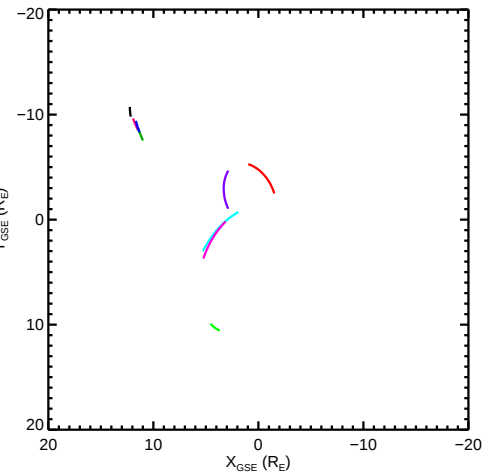
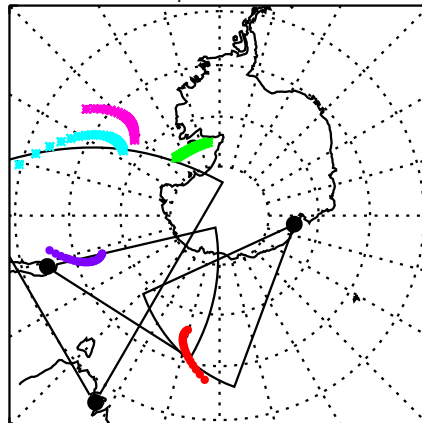
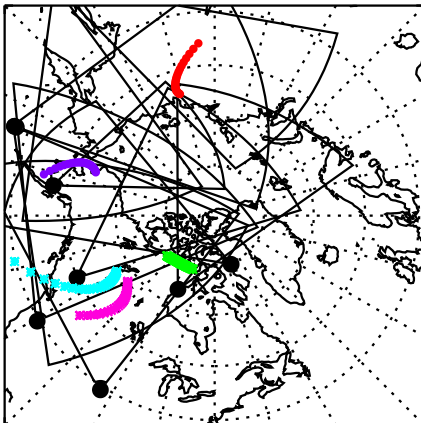
(d) 1130UT to 1330UT
ade bks cve the fhw gbr wal



(e) 1540UT to 1820UT
ade bks cly cve cvw fhw hok kod ksr sas



(f) 2025UT to 2235UT
ade adw cly cvw fhw hkw hok ksr pgr rkn

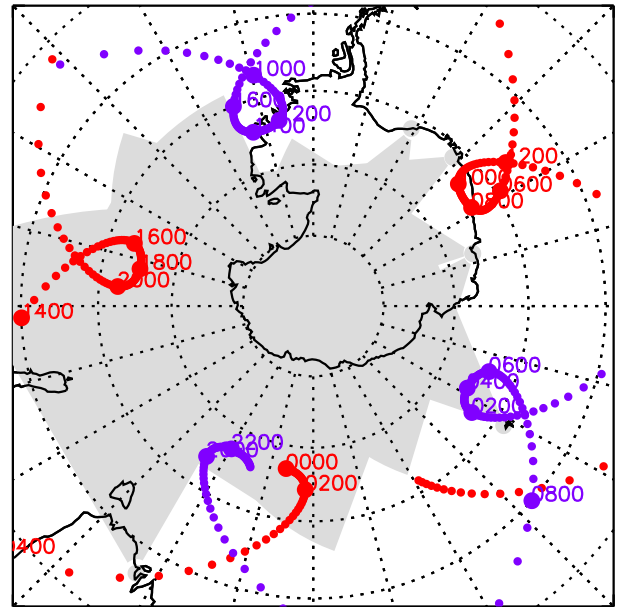
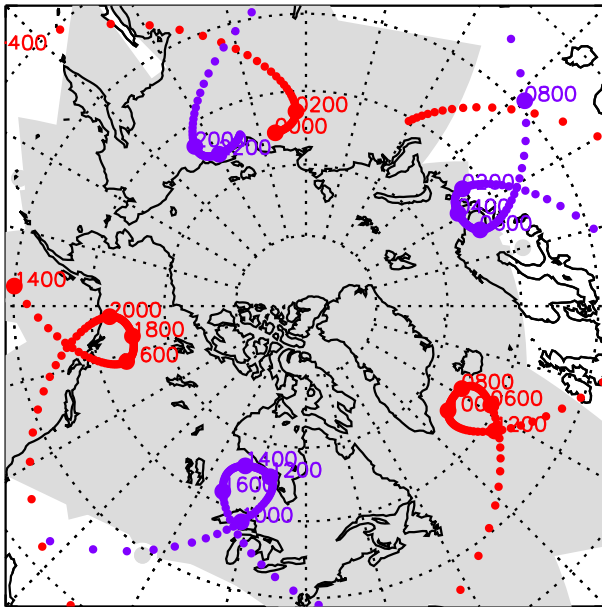


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

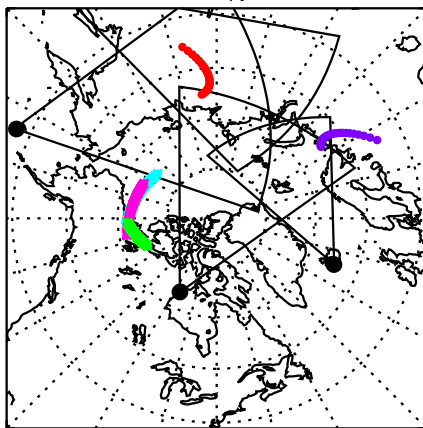
16-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

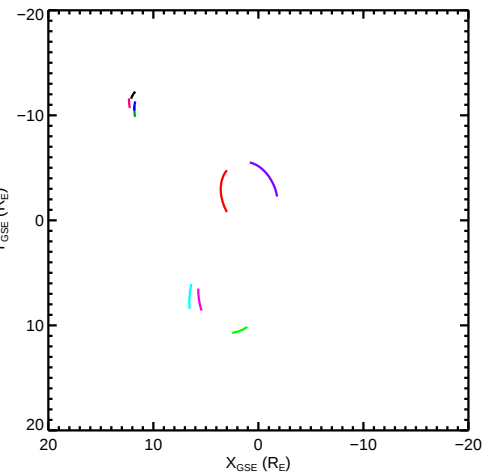
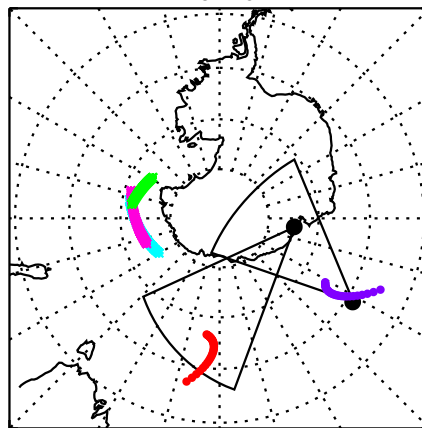
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



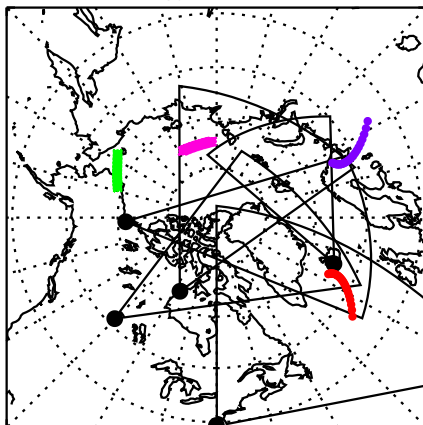
(a) 0040UT to 0315UT
adw hkw pyk rkn



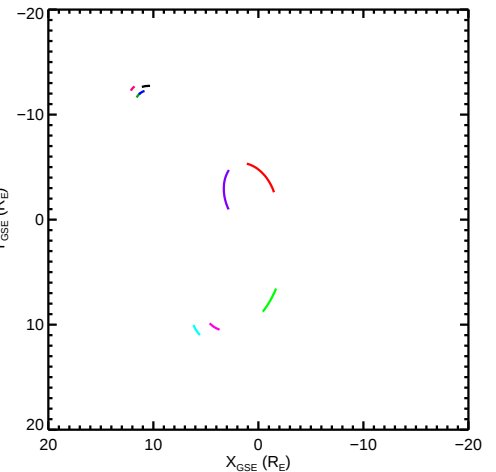
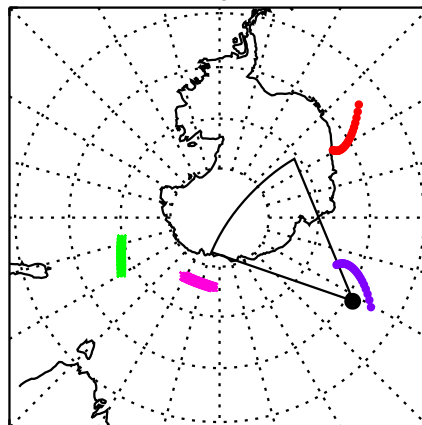
ker zho



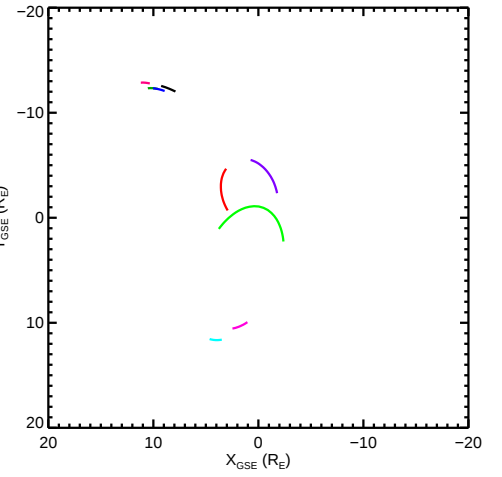
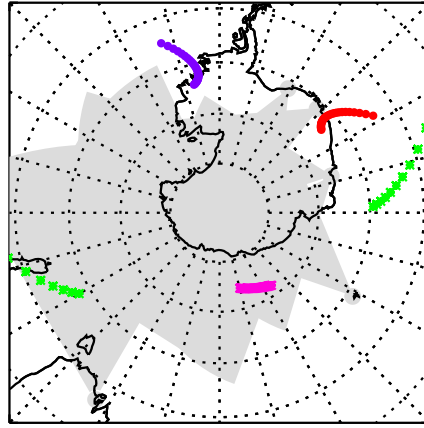
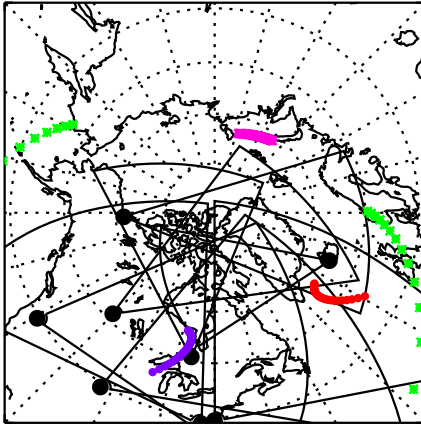
(b) 0525UT to 0740UT
inv pyk rkn sas wal



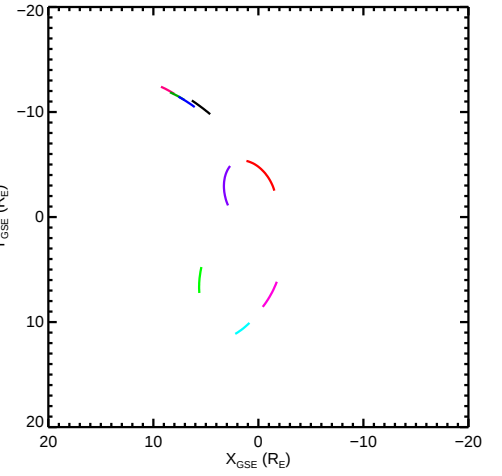
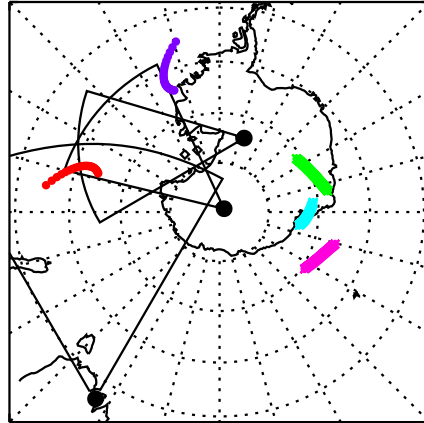
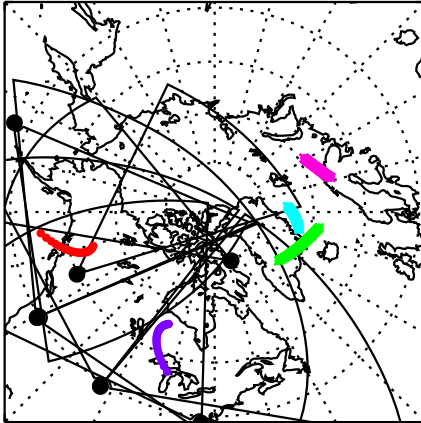
ker



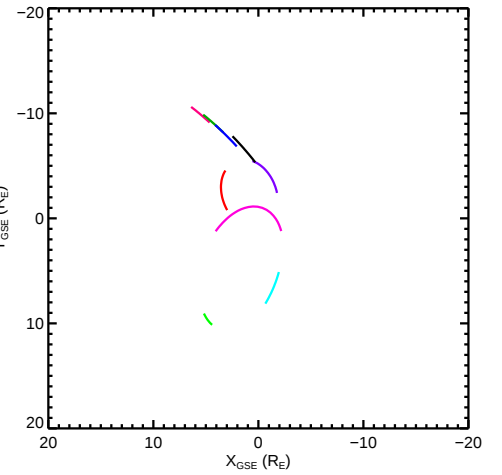
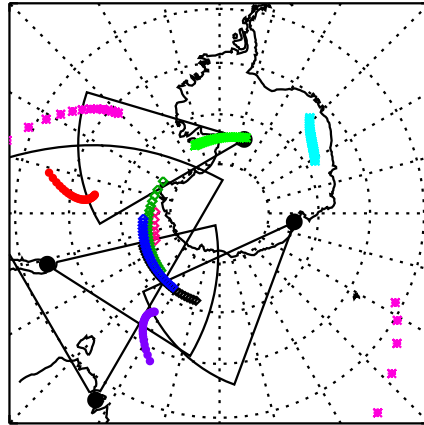
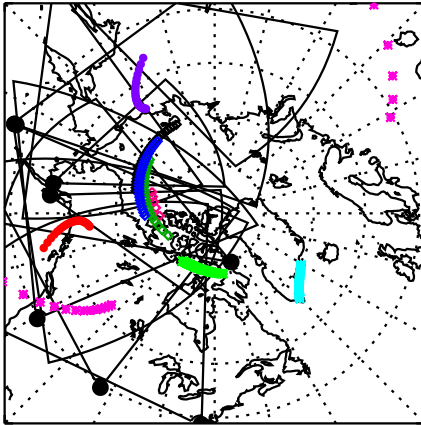
(c) 0945UT to 1215UT
bks cve the inv kap sas sto wal



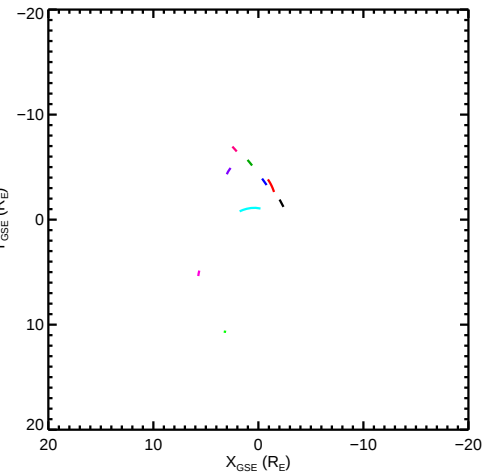
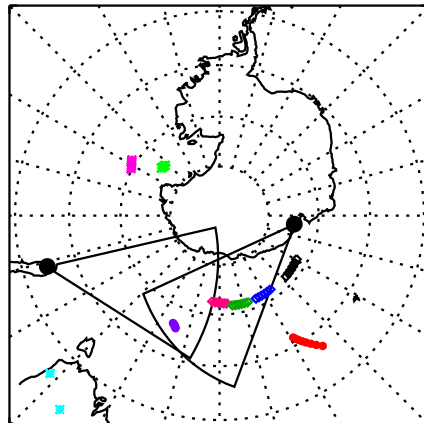
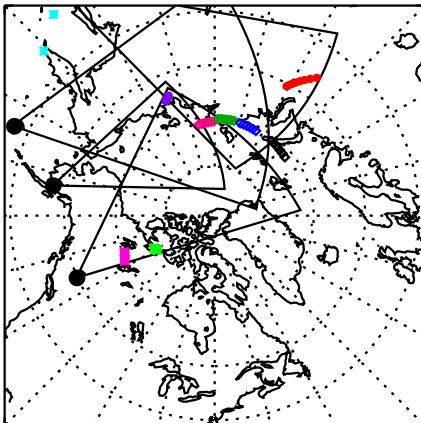
(d) 1420UT to 1640UT
ade bks cly cve cvw the fhw pgr



(e) 1850UT to 2110UT
ade adw bks cly cvw fhw hkw hok kod ksr



(f) 2320UT to 2355UT
adw hkw ksr pgr

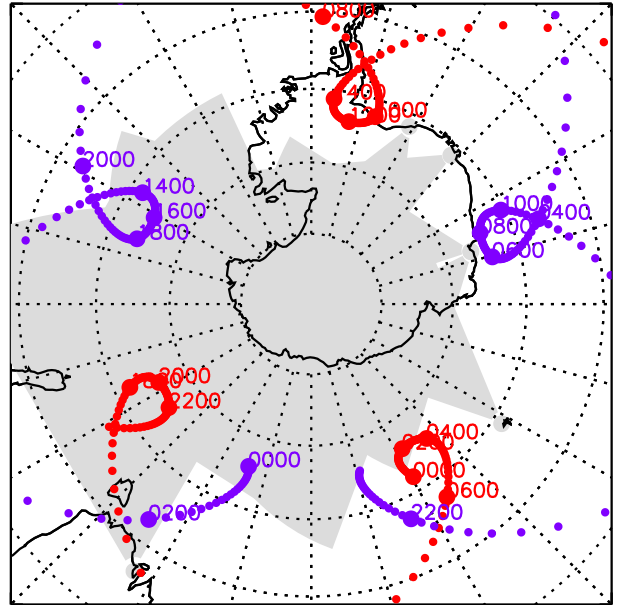
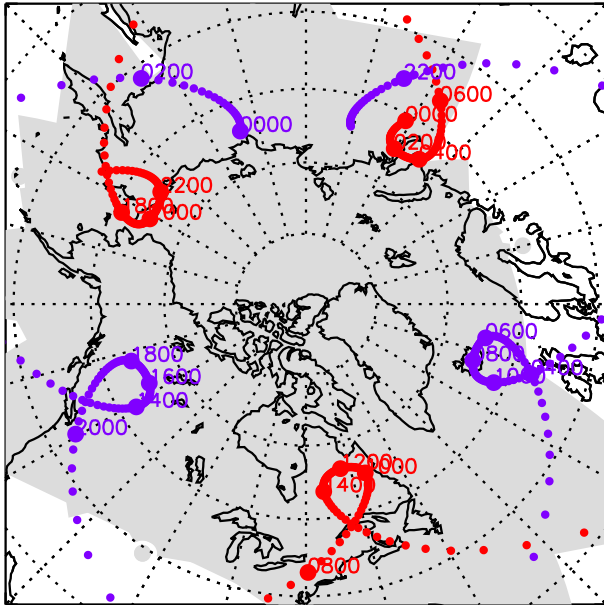


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

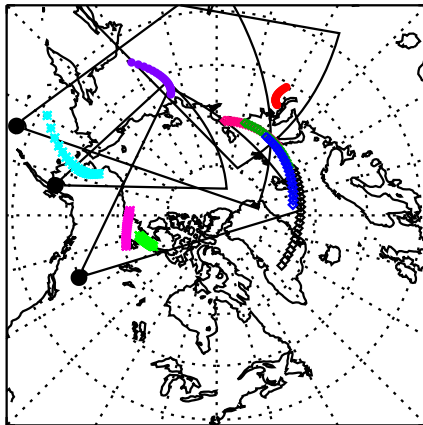
17-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

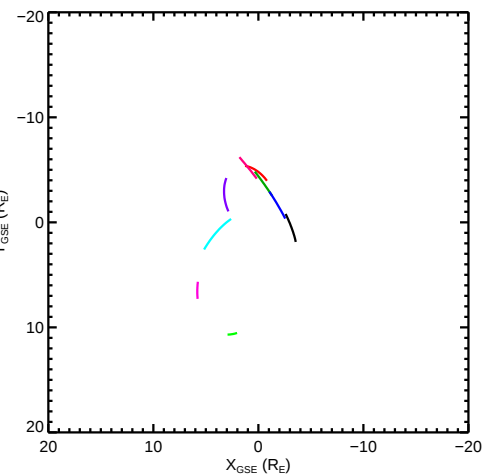
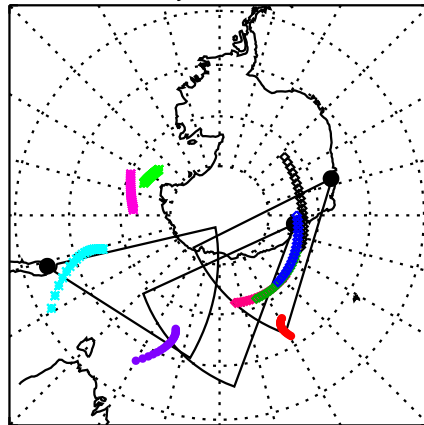
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



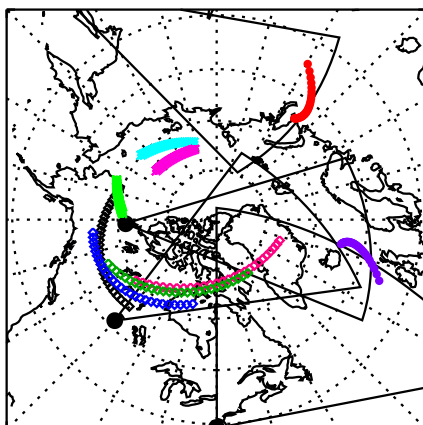
(a) 0000UT to 0145UT
adw hkw ksr pgr



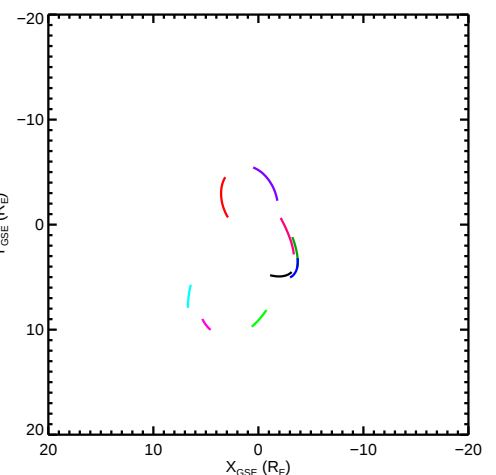
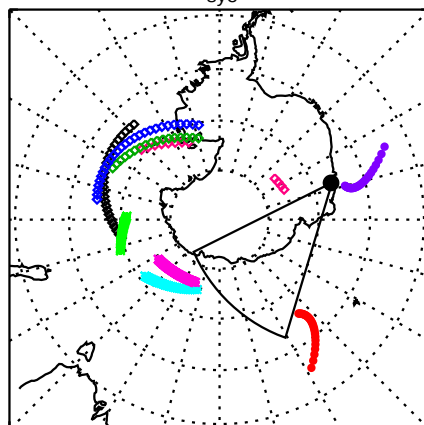
syw unw zho



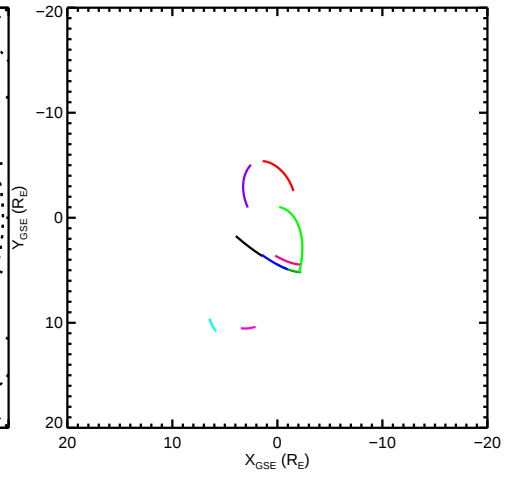
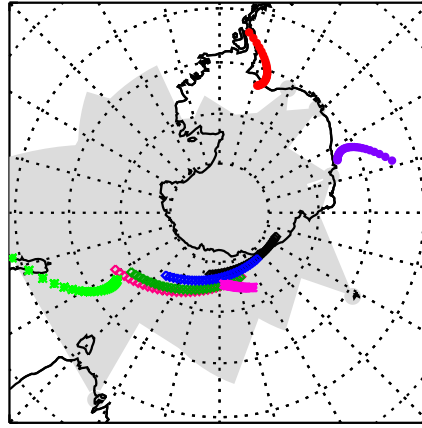
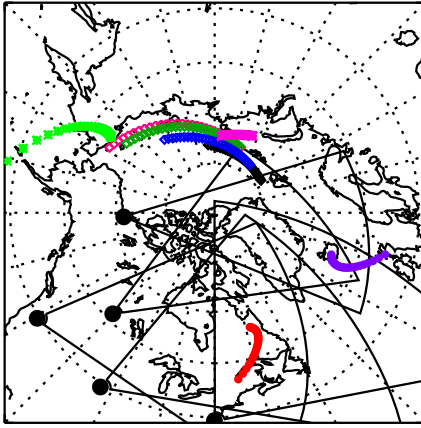
(b) 0350UT to 0610UT
hkw inv sas wal



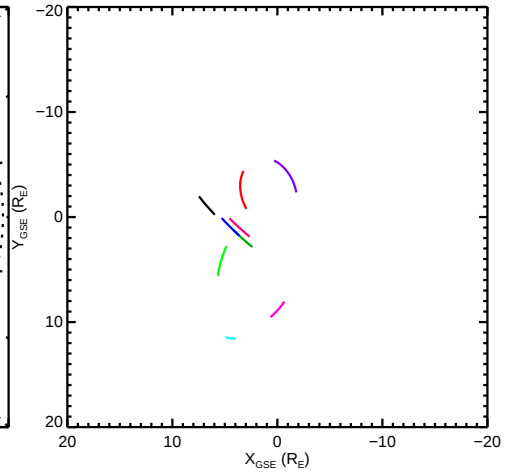
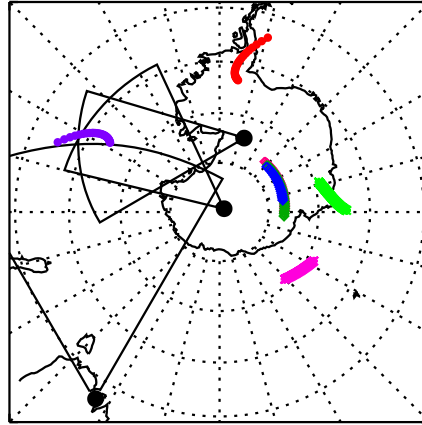
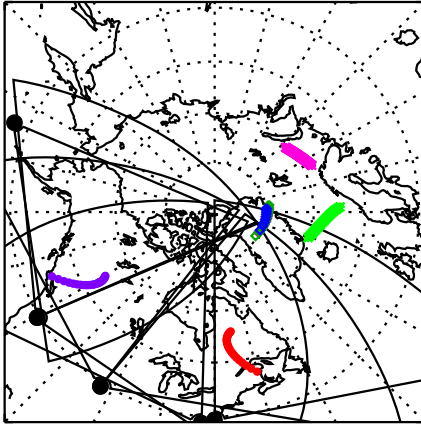
syw



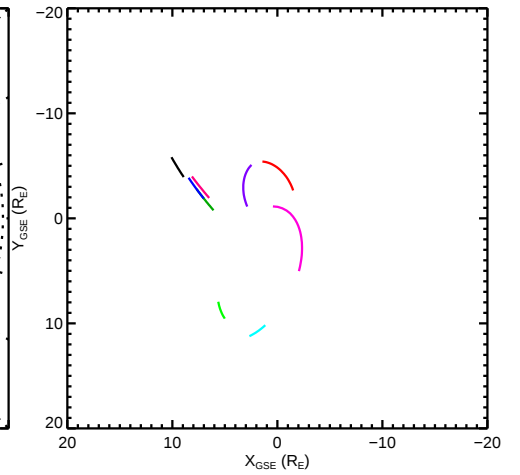
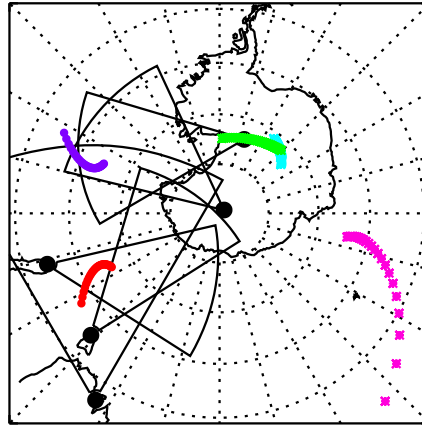
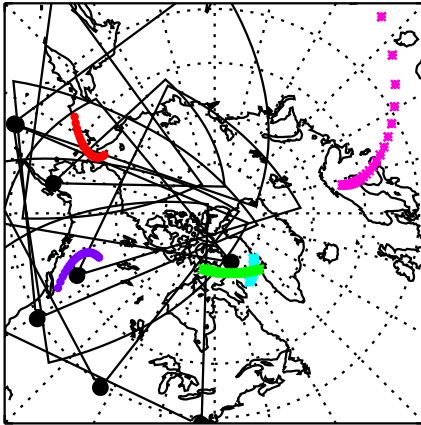
(c) 0815UT to 1050UT
cve the inv sas wal



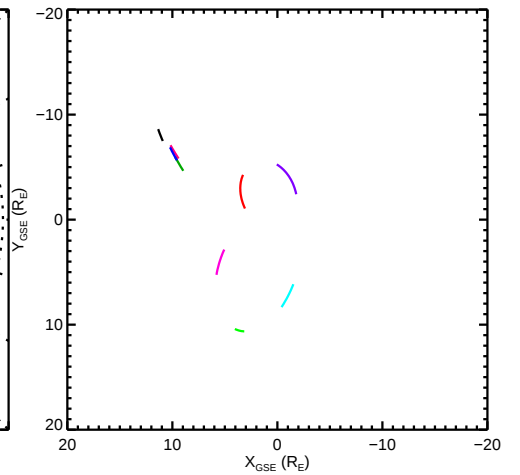
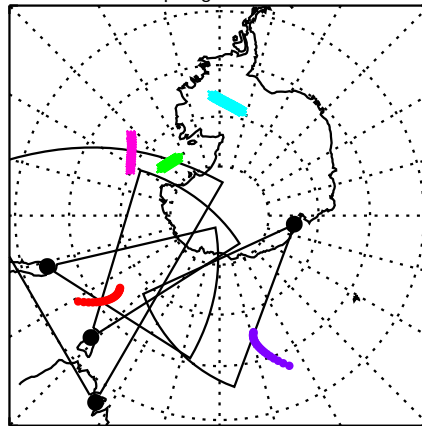
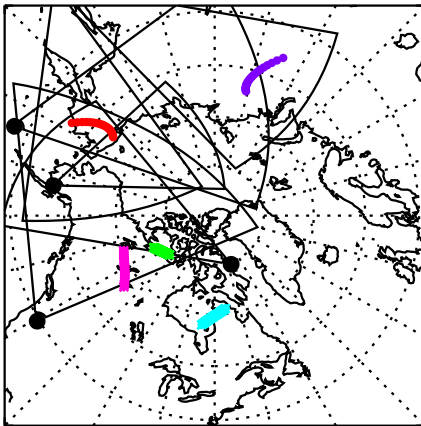
(d) 1255UT to 1505UT
ade bks cve cvw fhe fhw wal



(e) 1715UT to 1950UT
ade adw bks cly cvw fhw hok ksr pgr



(f) 2200UT to 2355UT
adw cly cvw hkw hok ksr

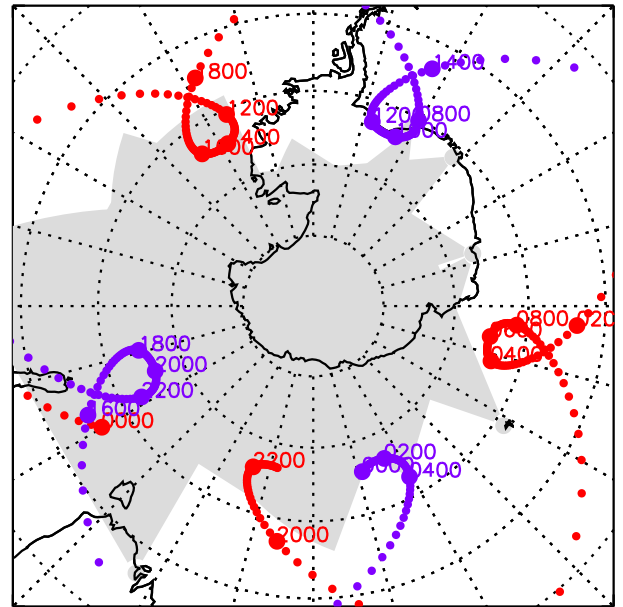
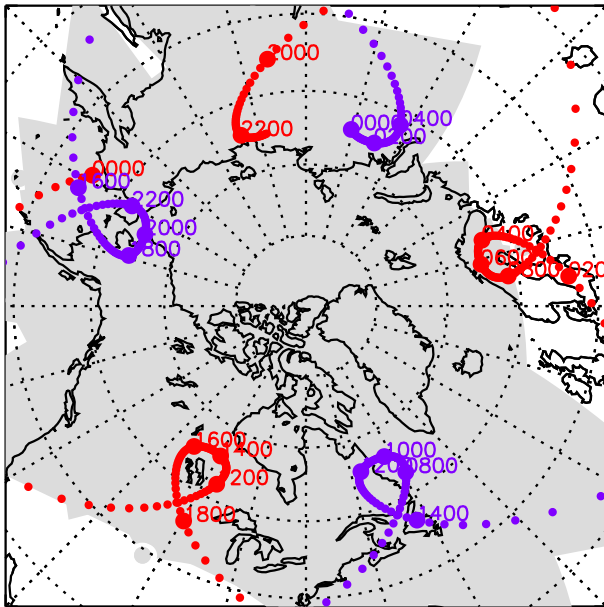


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

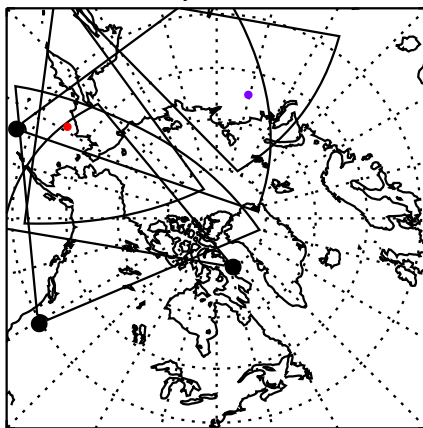
18-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

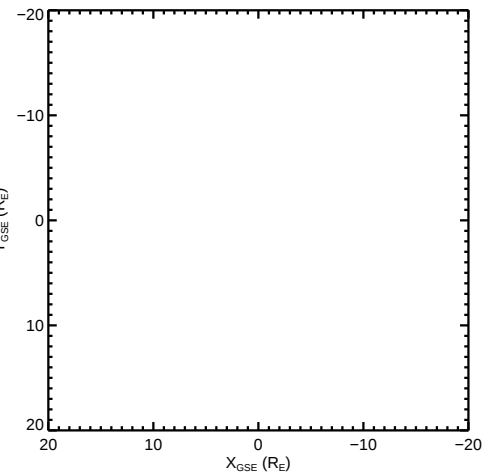
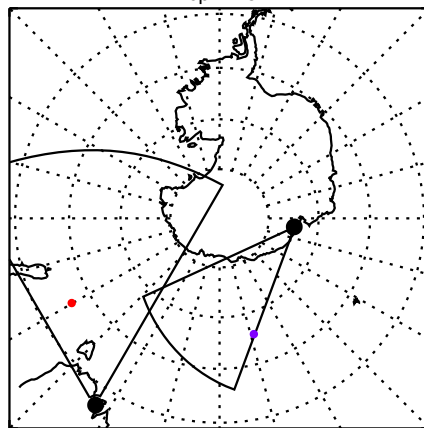
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



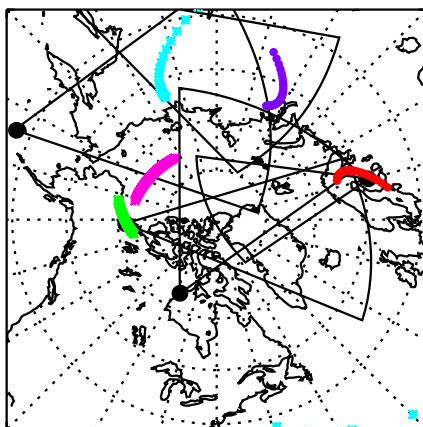
(a) 0000UT to 0000UT
adw cly cvw hkw hok



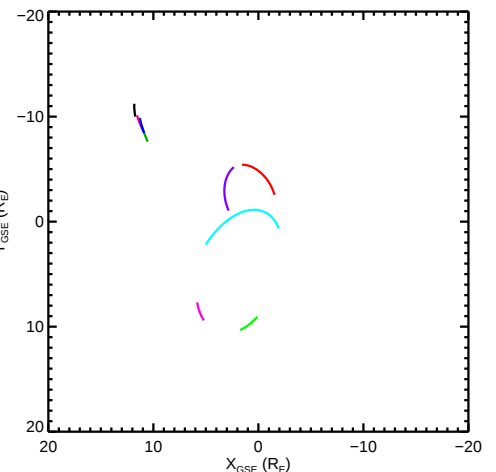
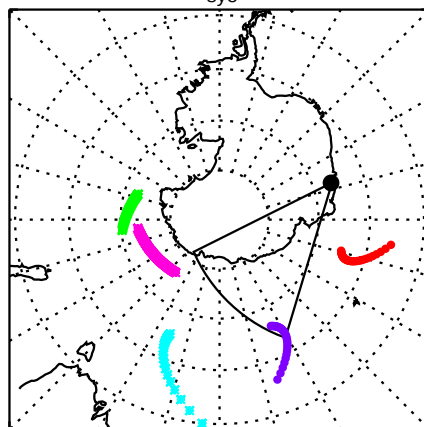
bpk zho



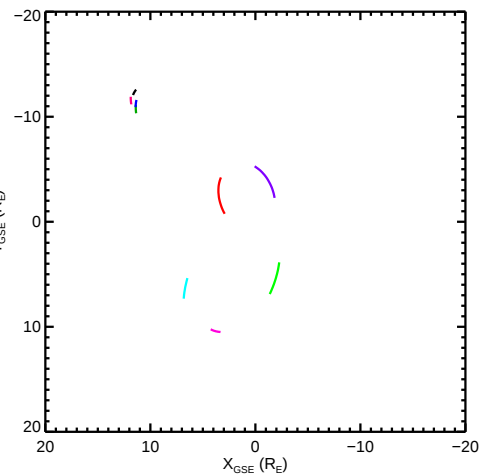
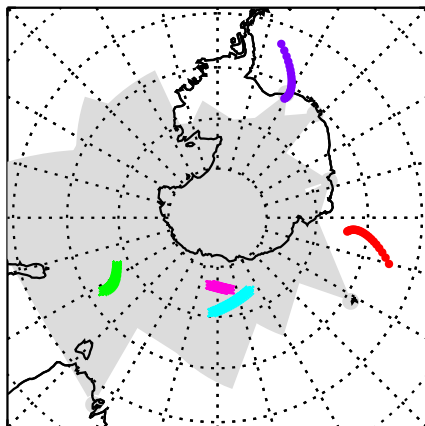
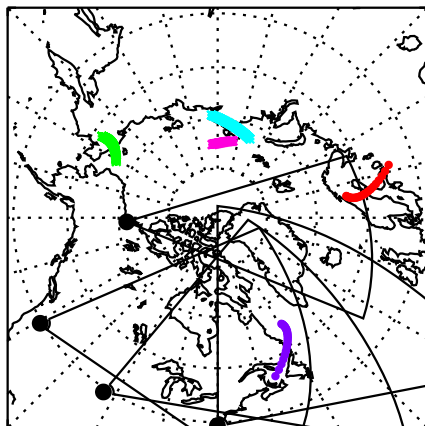
(b) 0210UT to 0455UT
adw han hkw inv rkn



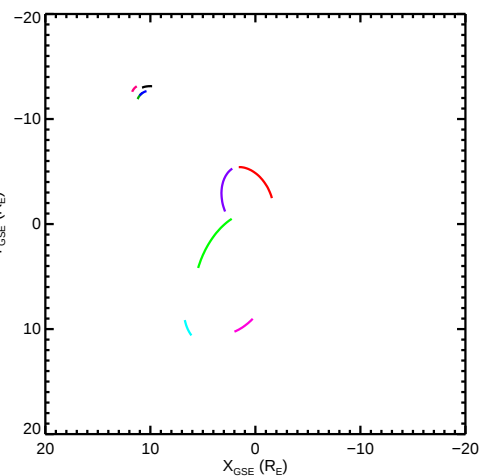
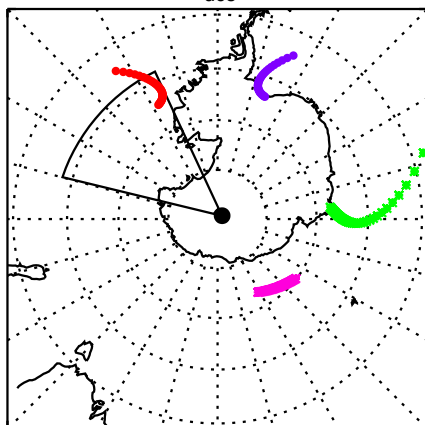
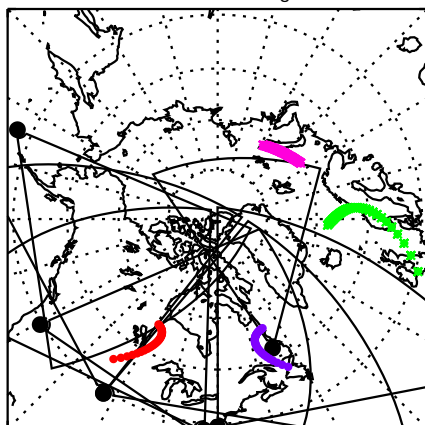
syx



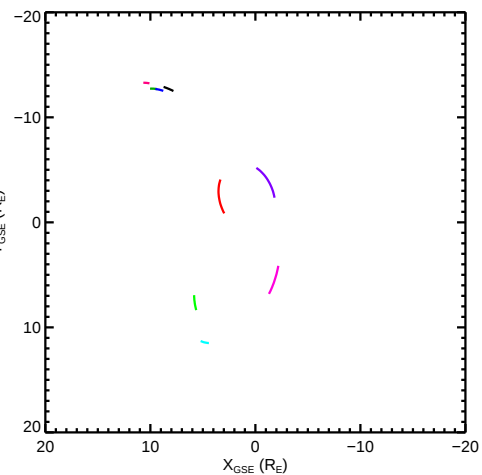
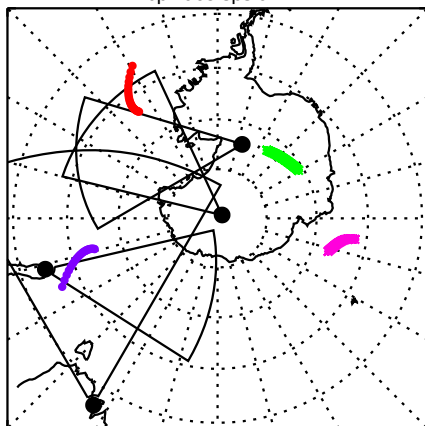
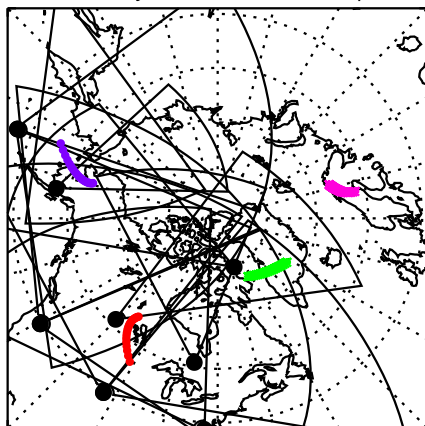
(c) 0700UT to 0900UT
cve the inv wal



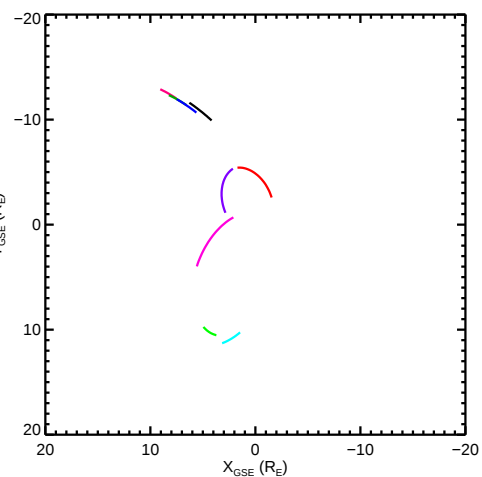
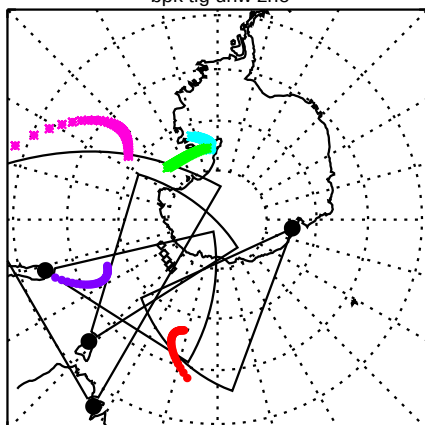
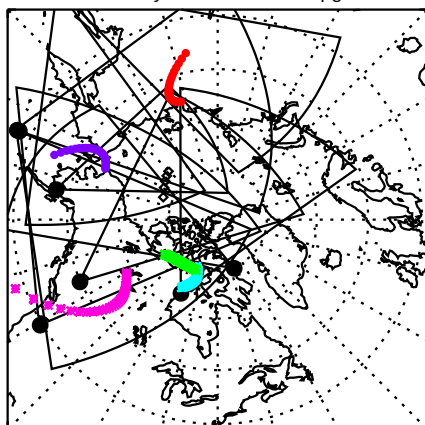
(d) 1105UT to 1355UT
ade bks cve the fhw gbr wal



(e) 1605UT to 1755UT
ade adw bks cly cve cvw the fhw hok kap ksr sas



(f) 2005UT to 2300UT
ade adw cly cvw hkw hok ksr pgr rkn

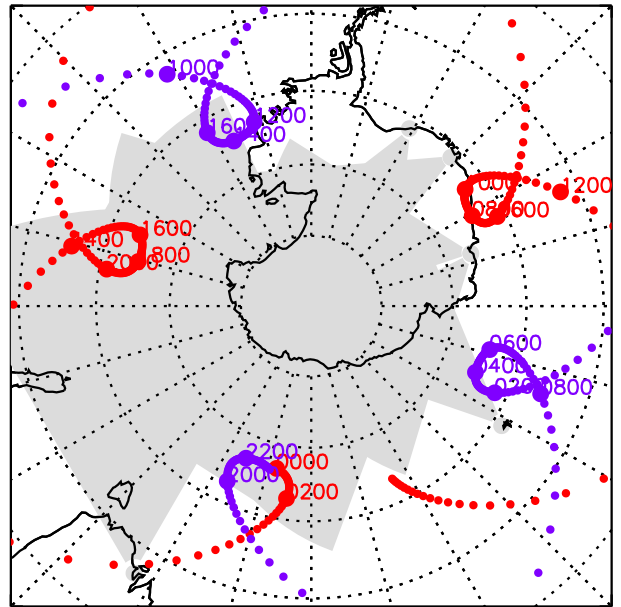
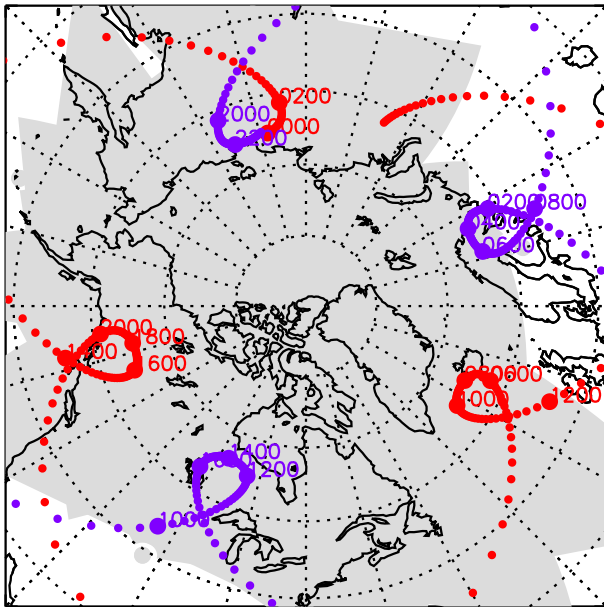


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

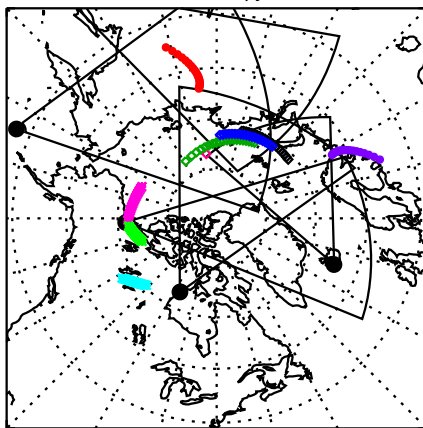
19-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

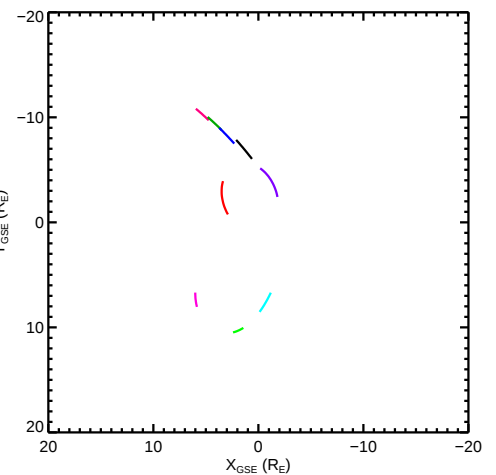
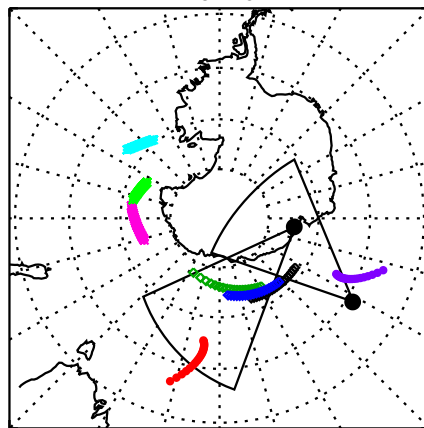
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



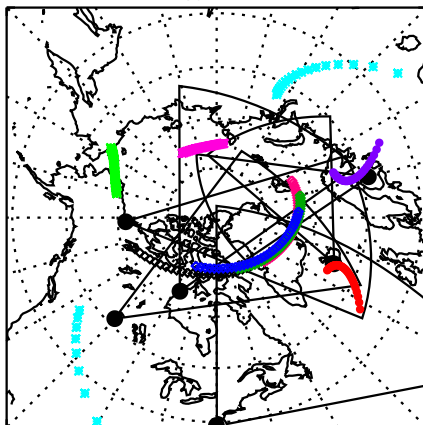
(a) 0110UT to 0255UT
adw hkw inv pyk rkn



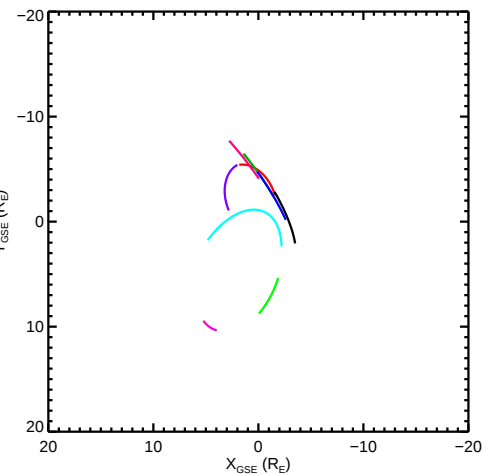
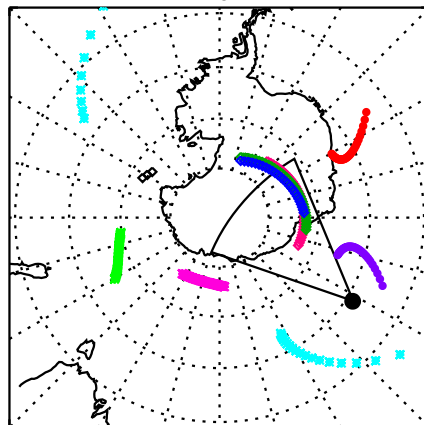
ker zho



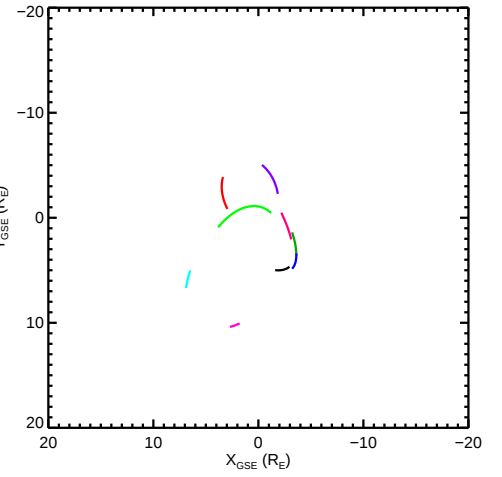
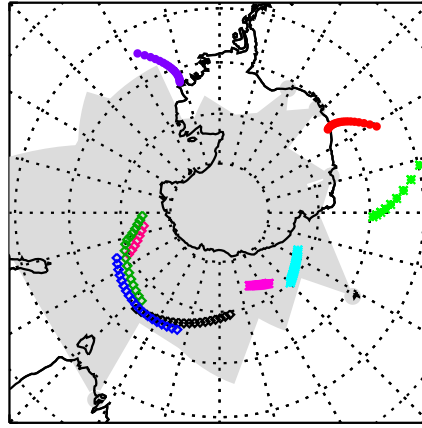
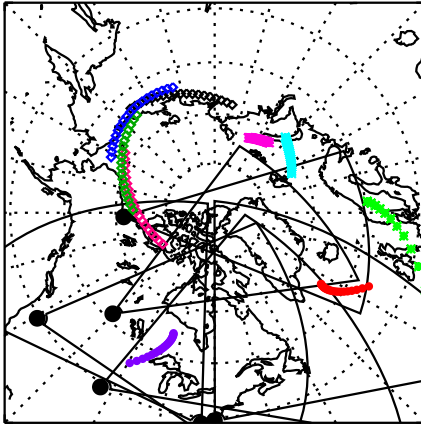
(b) 0500UT to 0805UT
han inv pyk rkn sas wal



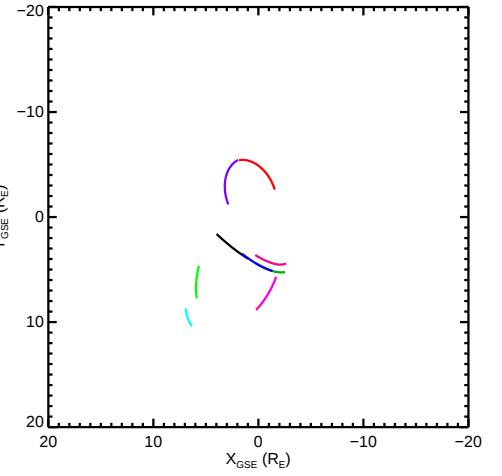
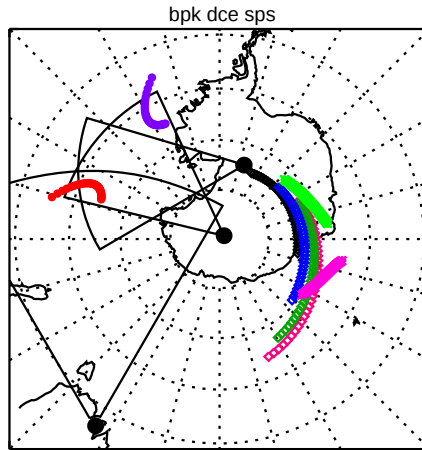
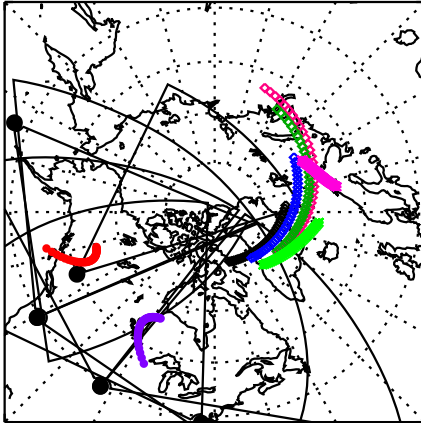
ker



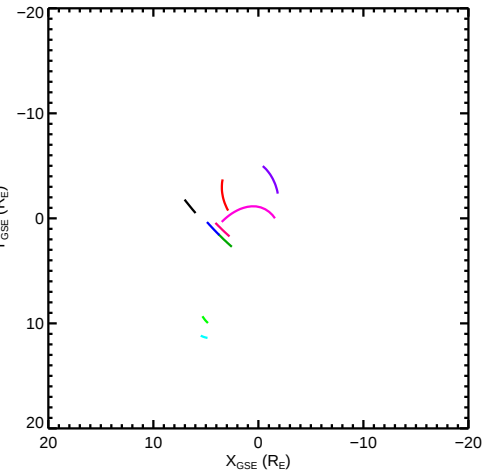
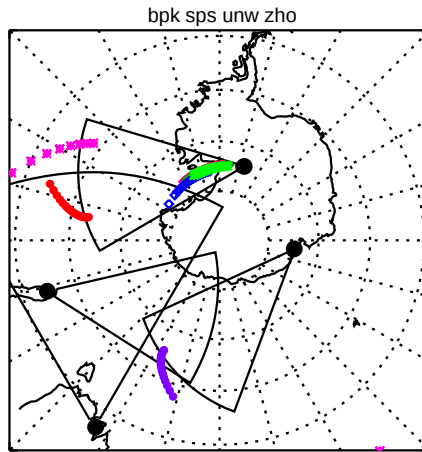
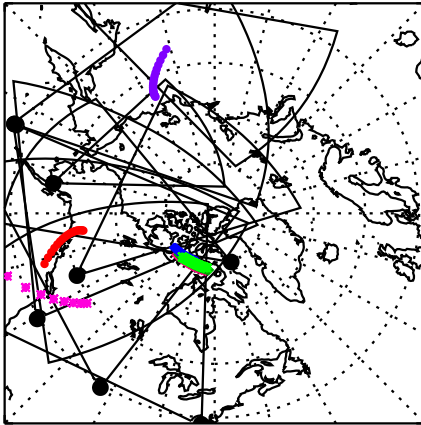
(c) 1010UT to 1150UT
bks cve the inv sas wal



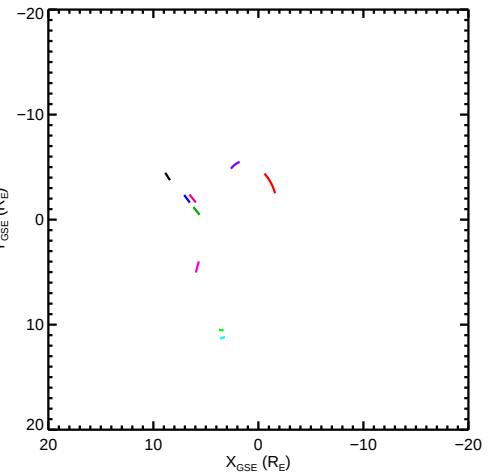
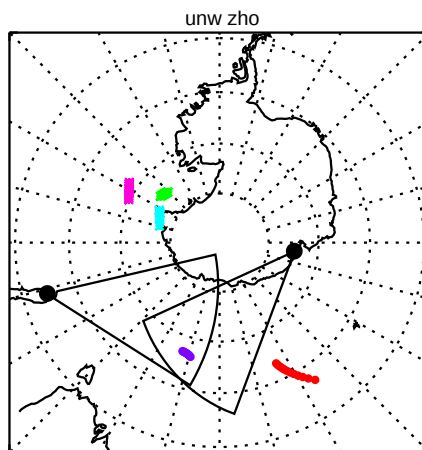
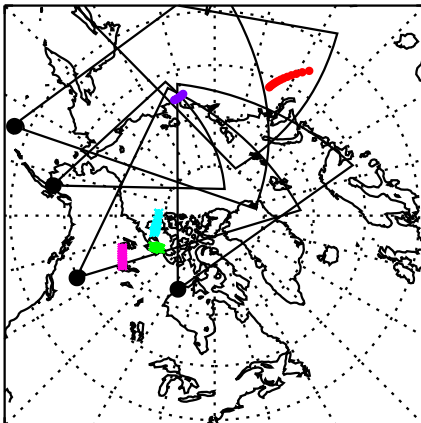
(d) 1400UT to 1705UT
ade bks cve cvw fhe fhw pgr



(e) 1915UT to 2050UT
ade adw bks cly cvw fhw hkw ksr pgr



(f) 2255UT to 2355UT
adw hkw ksr pgr rkn

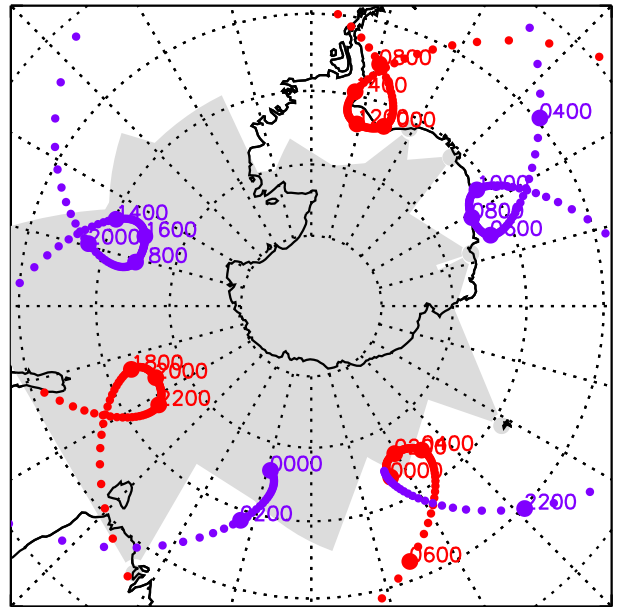
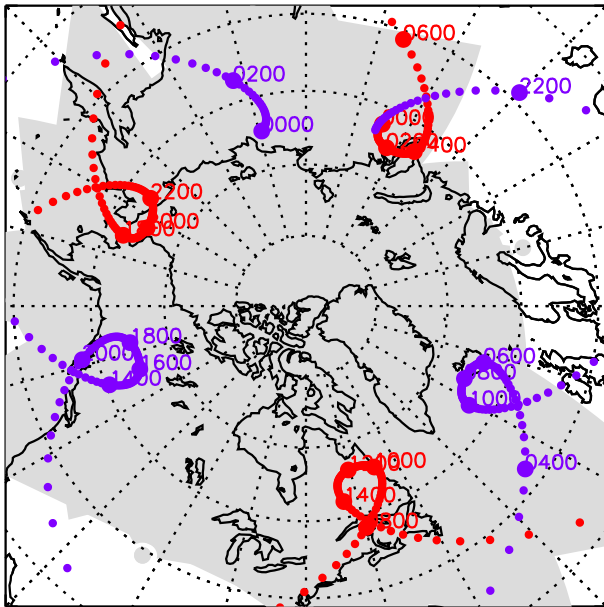


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

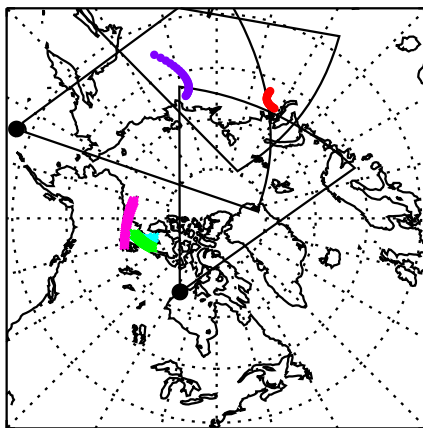
20-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

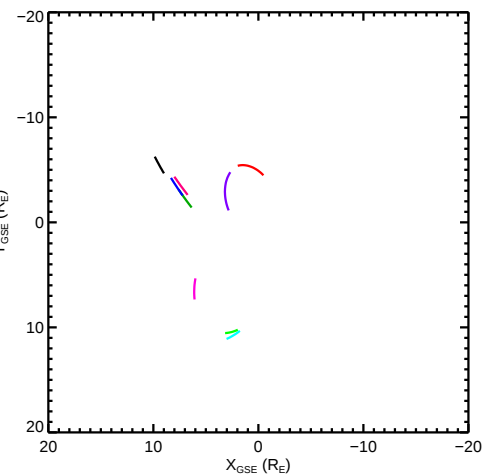
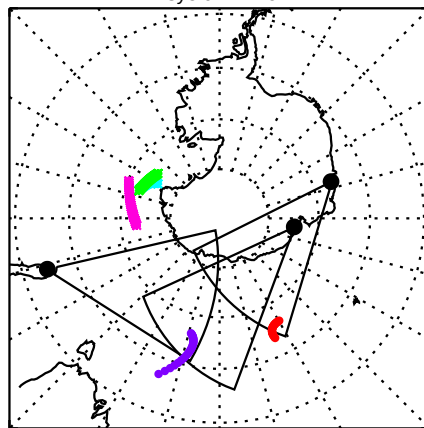
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



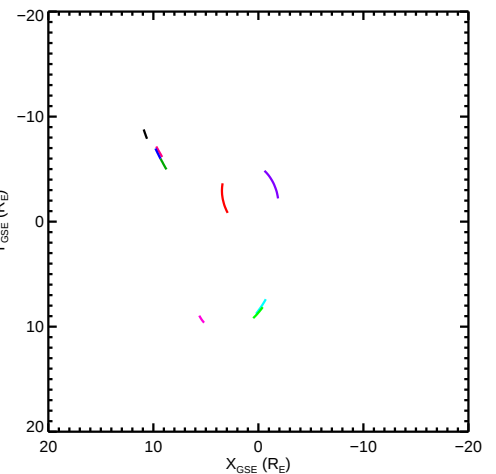
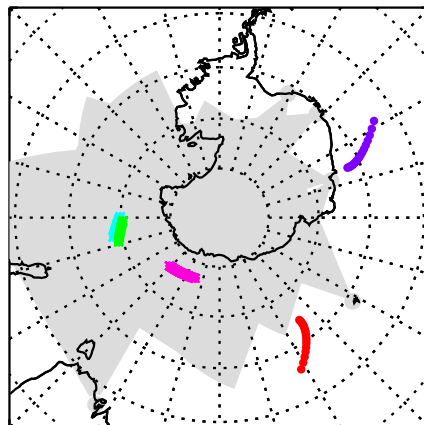
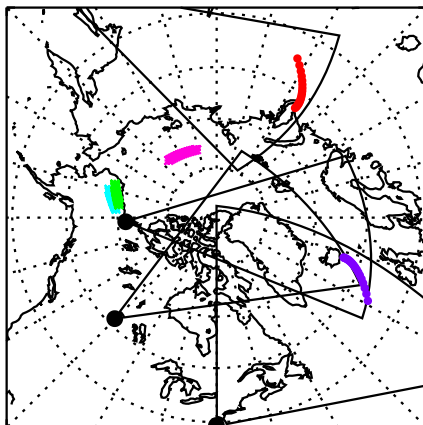
(a) 0000UT to 0210UT
adw hkw rkn



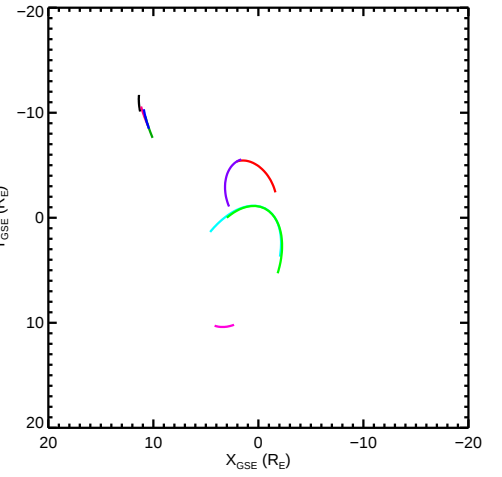
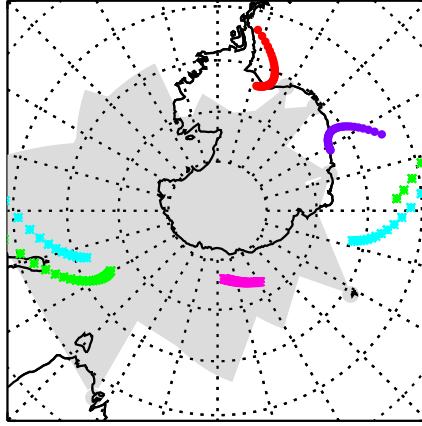
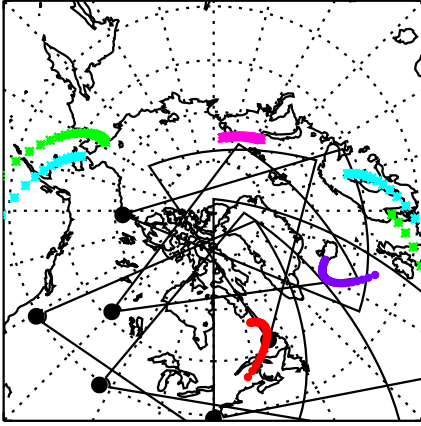
syw unw zho



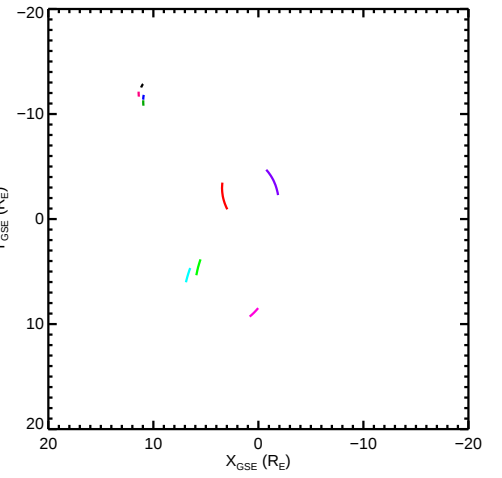
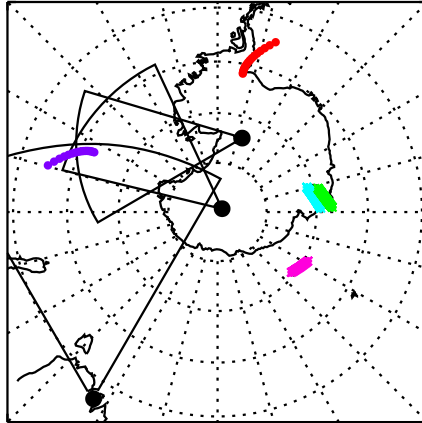
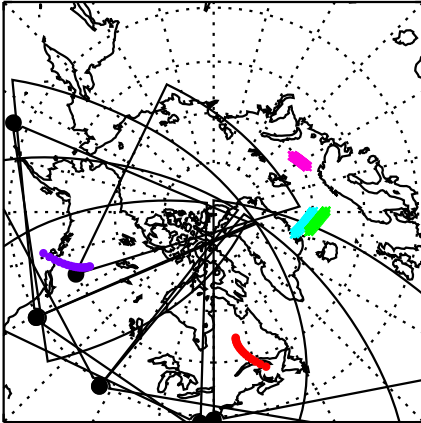
(b) 0415UT to 0545UT
hkw inv sas wal



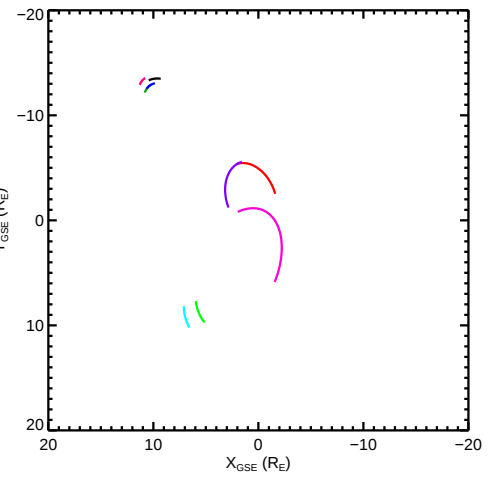
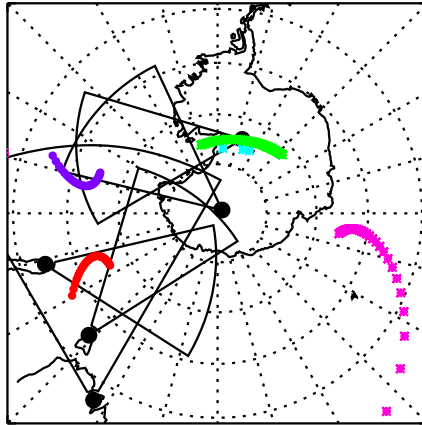
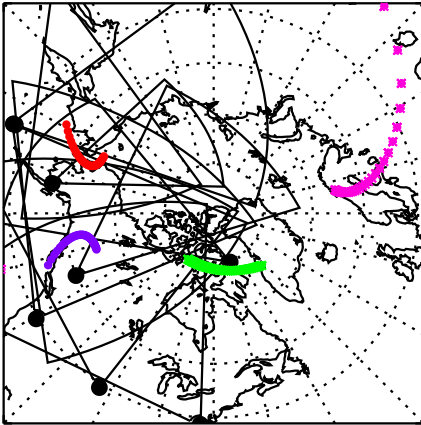
(c) 0750UT to 1115UT
cve the gbr inv sas wal



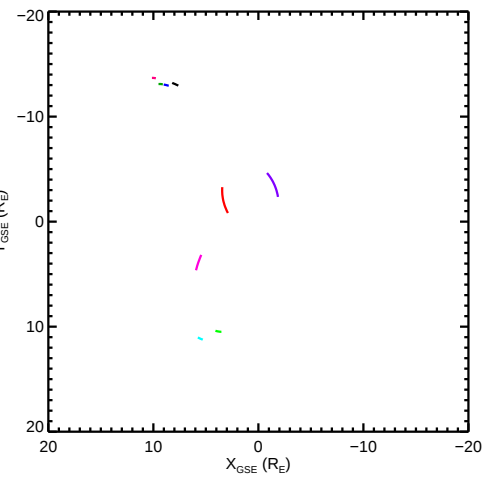
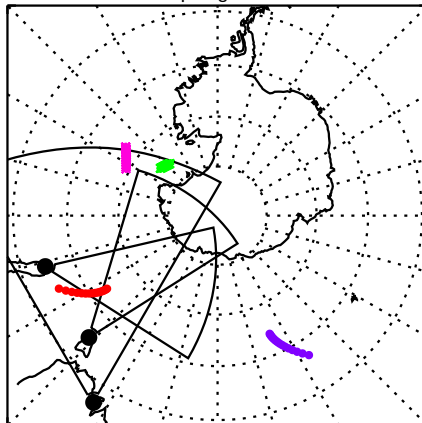
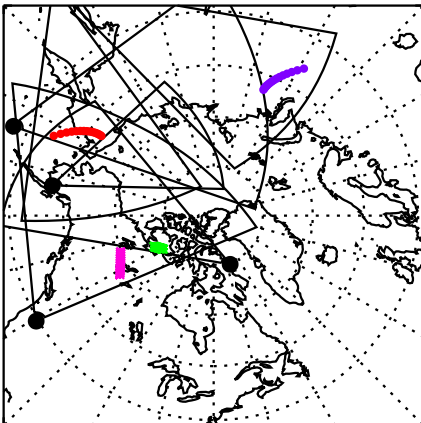
(d) 1320UT to 1440UT
ade bks cve cvw the fhv pgr wal



(e) 1650UT to 2015UT
ade adw bks cly cvw fhv hok ksr pgr



(f) 2225UT to 2340UT
adw cly cvw hkv hok ksr

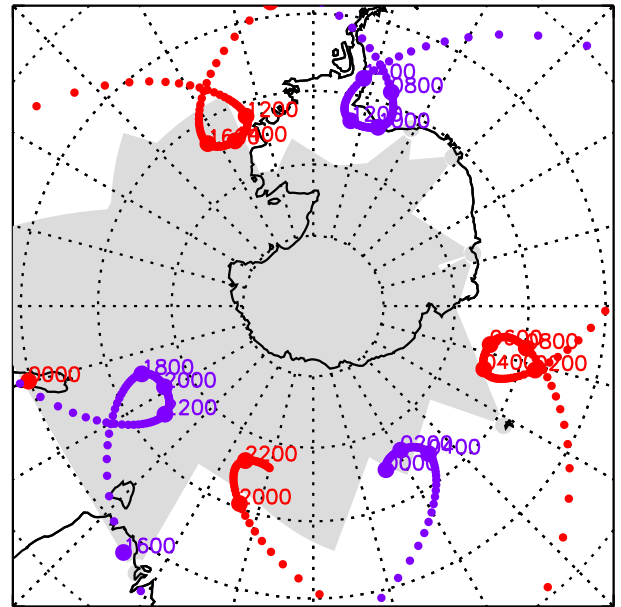
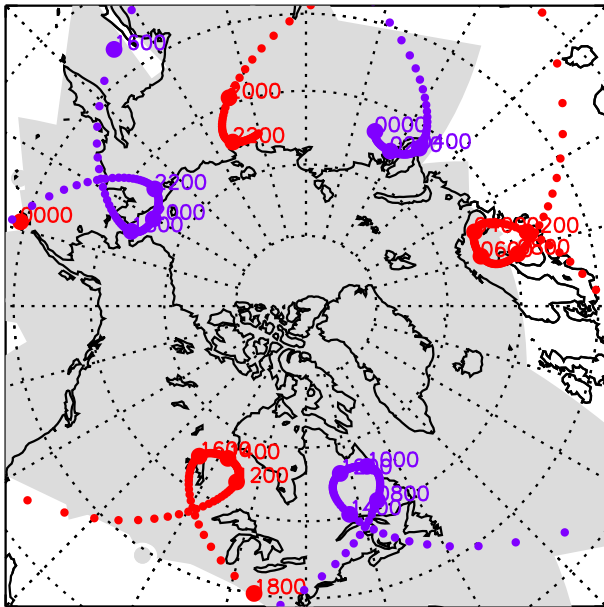


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

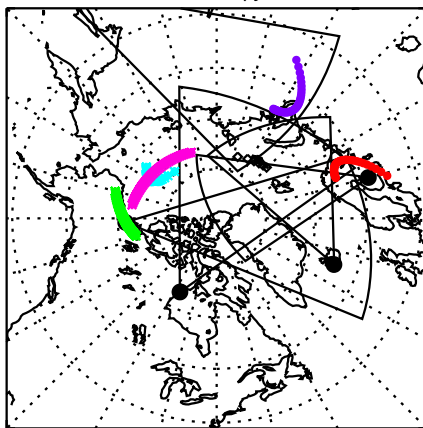
21-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

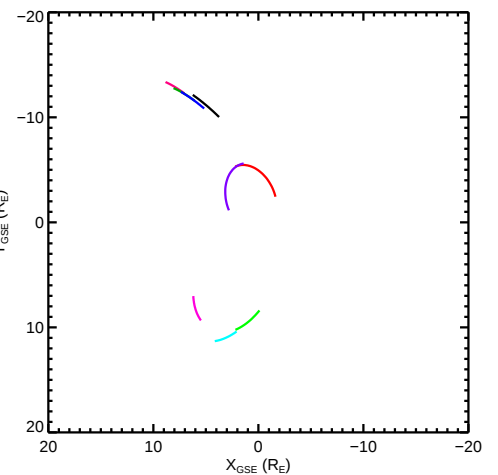
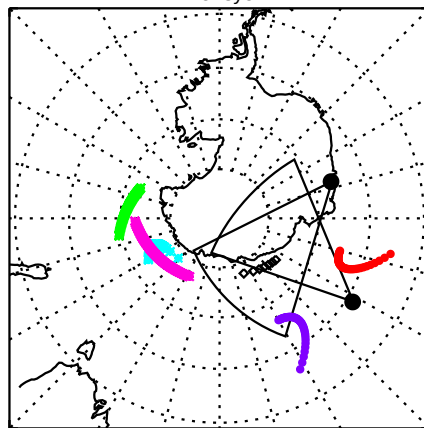
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



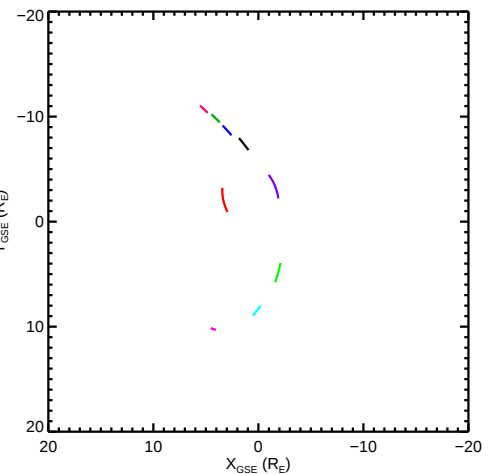
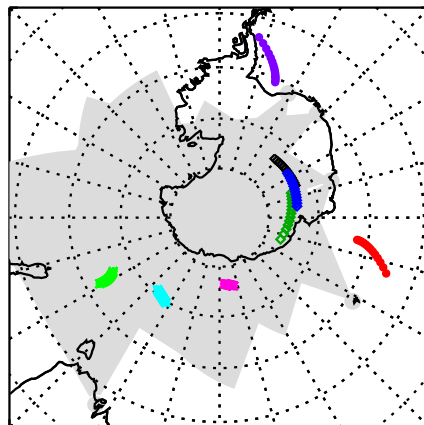
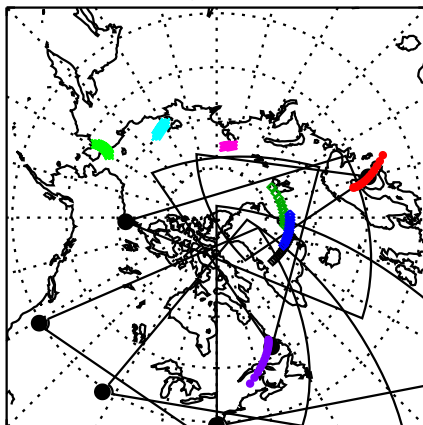
(a) 0145UT to 0520UT
han hkw inv pyk rkn



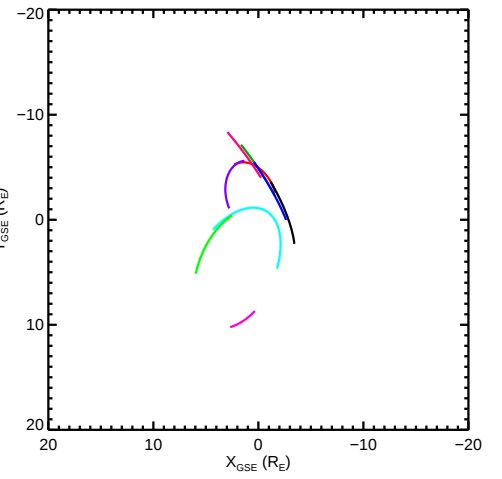
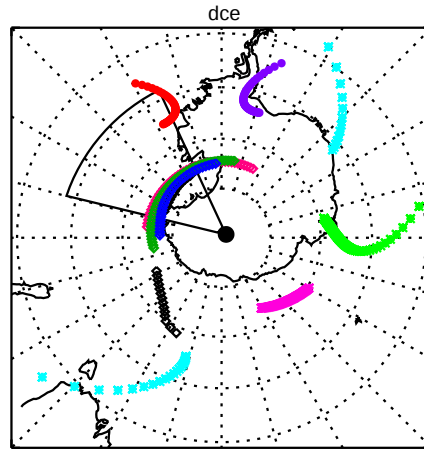
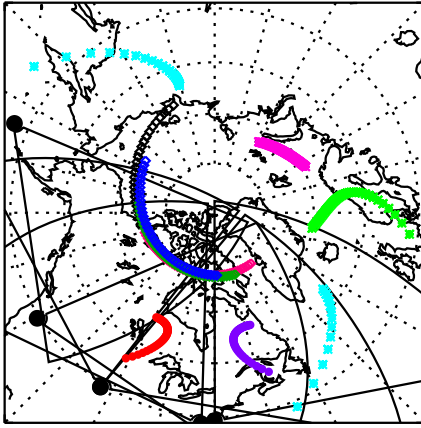
ker sye



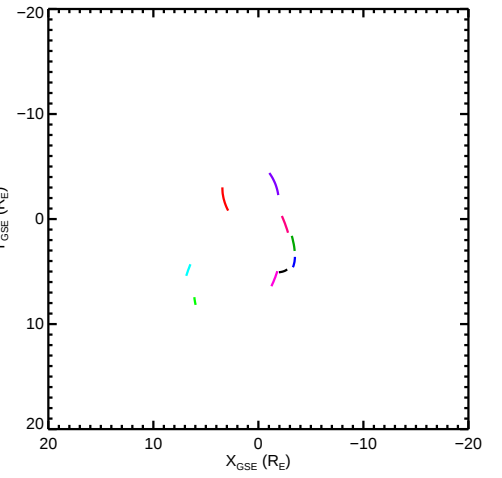
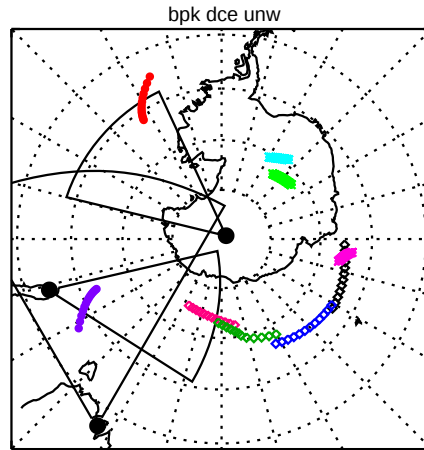
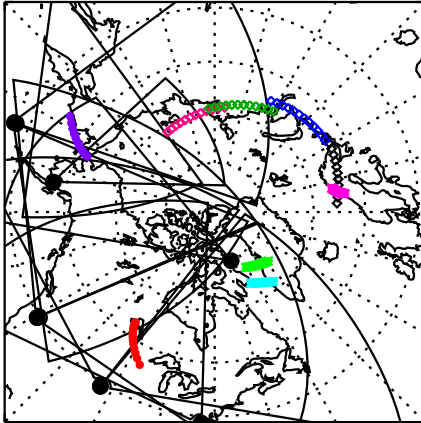
(b) 0725UT to 0835UT
cve the gbr han inv wal



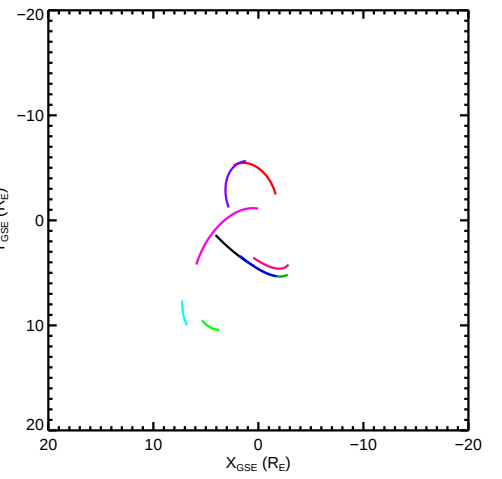
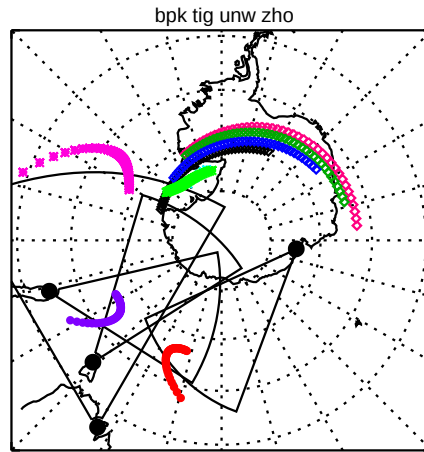
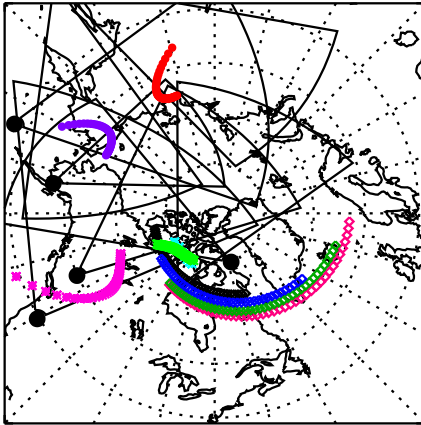
(c) 1045UT to 1425UT
ade bks cve fhe fhw wal



(d) 1630UT to 1735UT
ade adw bks cly cve cvw fhe fhw hok ksr



(e) 1940UT to 2325UT
adw cly cvw hkw hok ksr pgr rkn

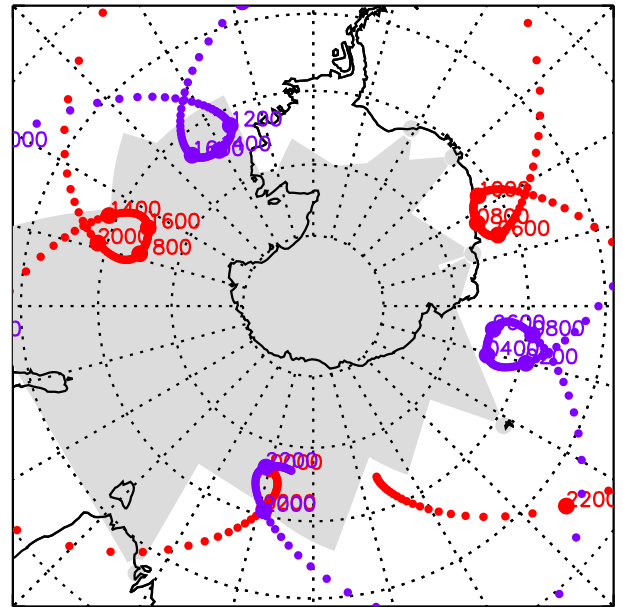
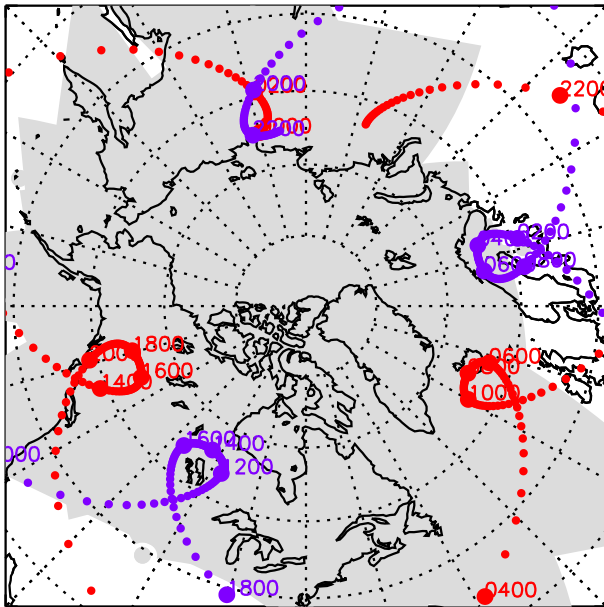


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

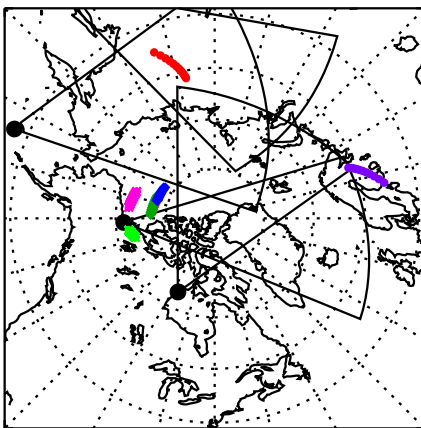
22-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

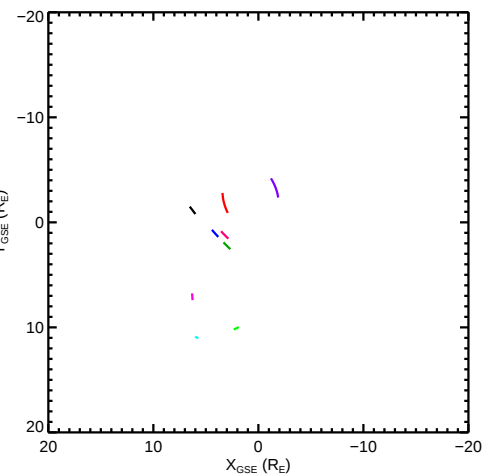
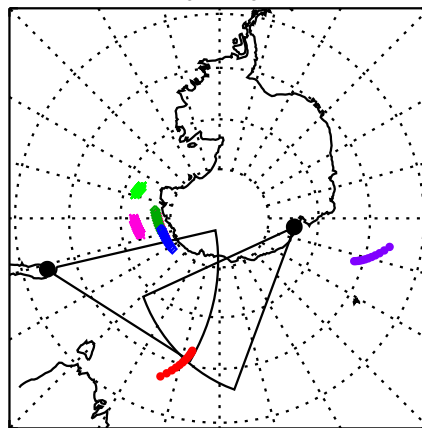
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: C1 C2 C3 C4 THA THD THE



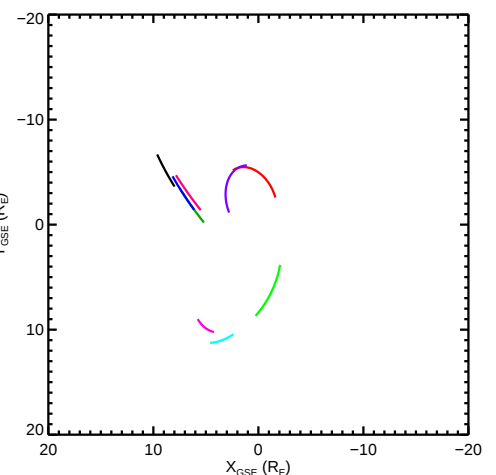
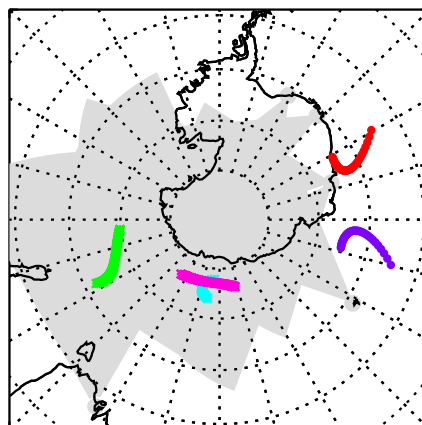
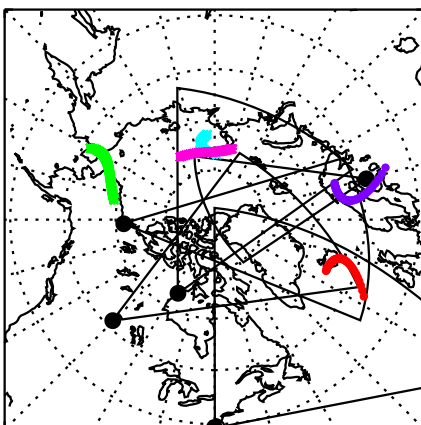
(a) 0135UT to 0230UT
adw hkw inv rkn



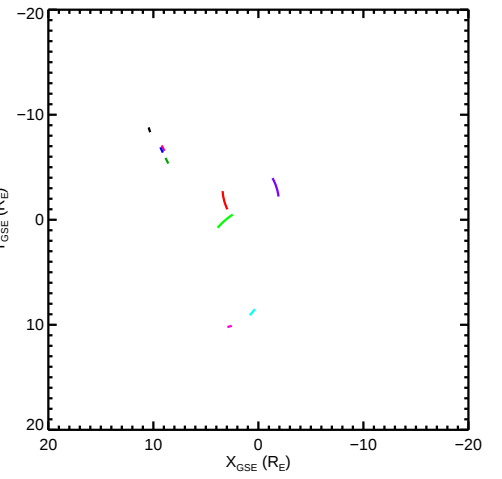
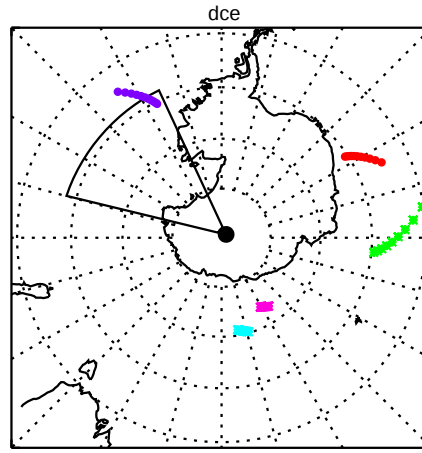
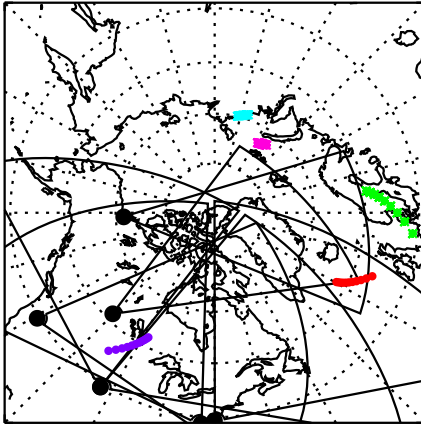
unw zho



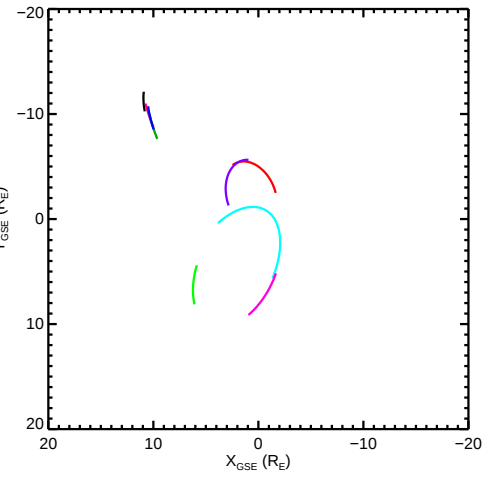
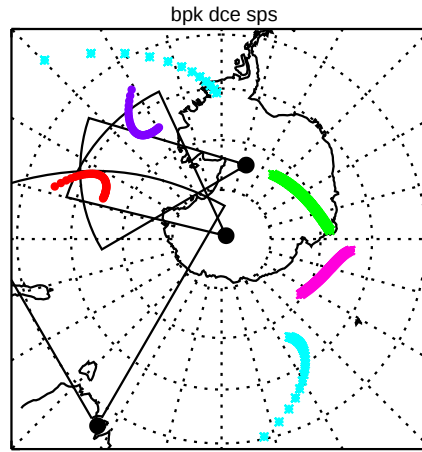
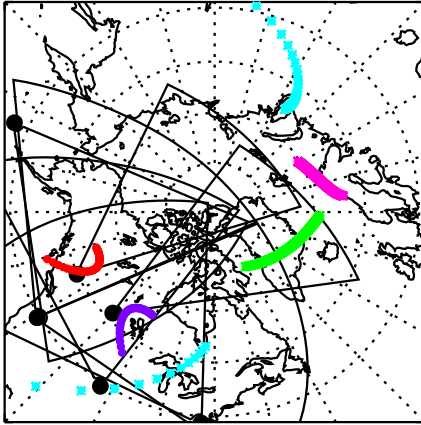
(b) 0440UT to 0830UT
han inv rkn sas wal



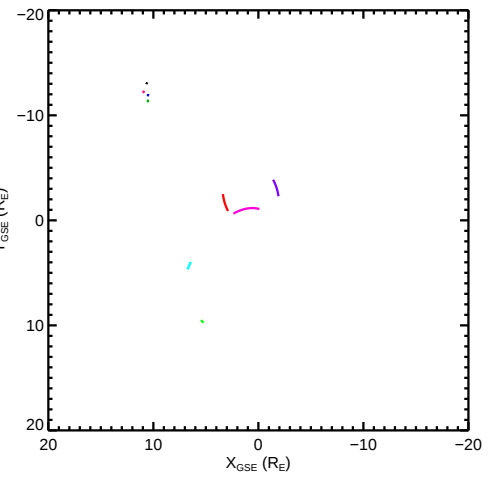
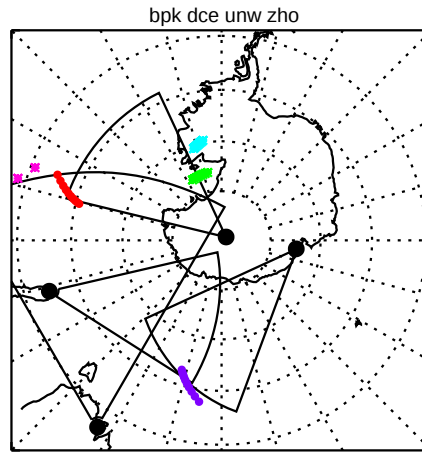
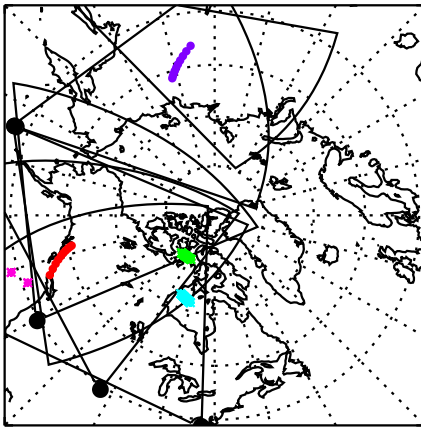
(c) 1035UT to 1125UT
bks cve fhw inv sas wal



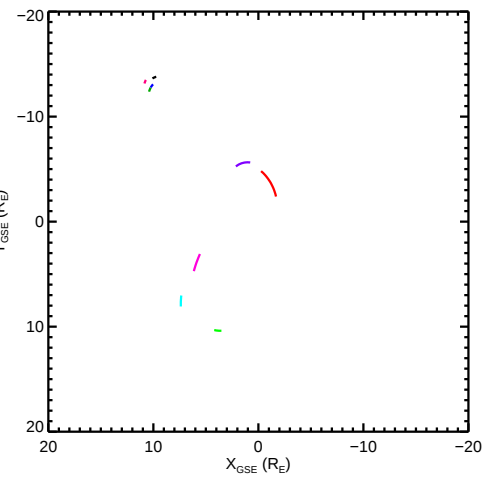
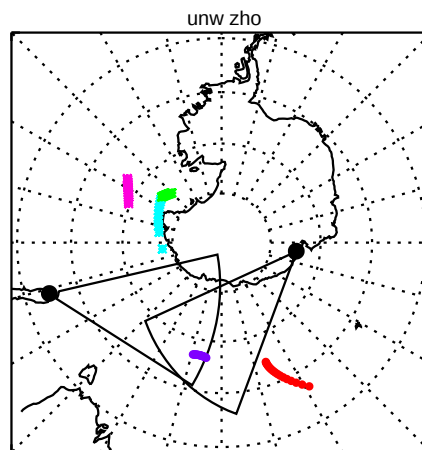
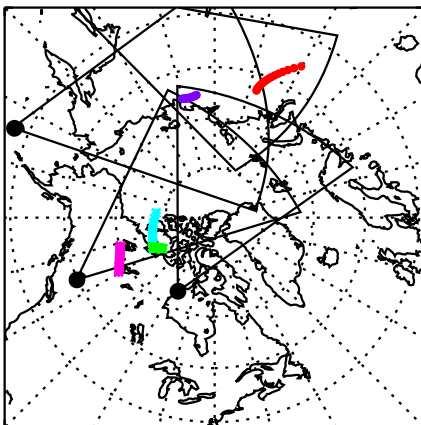
(d) 1335UT to 1730UT
ade bks cve cvw fhw pgr sas



(e) 1940UT to 2025UT
ade adw bks cvw fhw hkw



(f) 2230UT to 2355UT
adw hkw pgr rkn

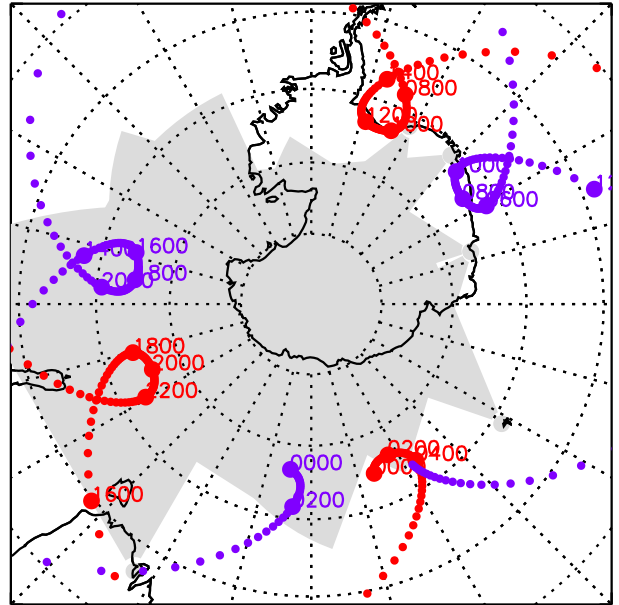
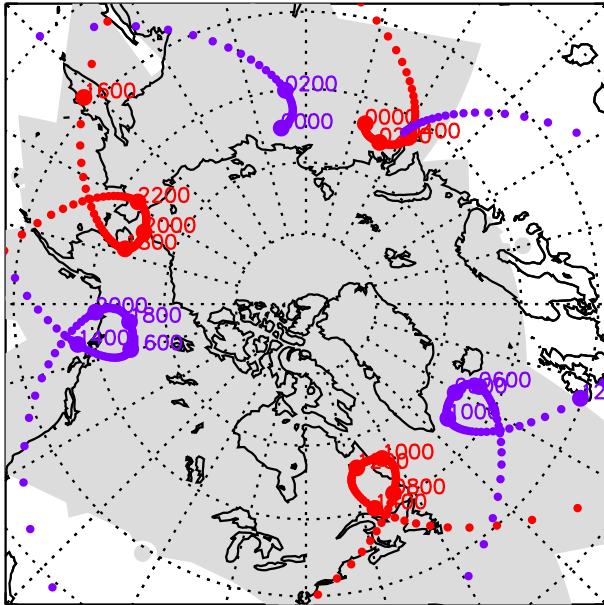


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

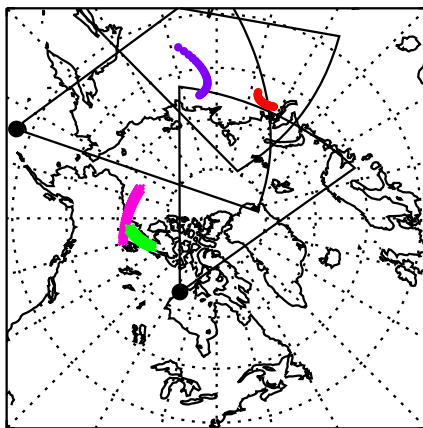
23-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

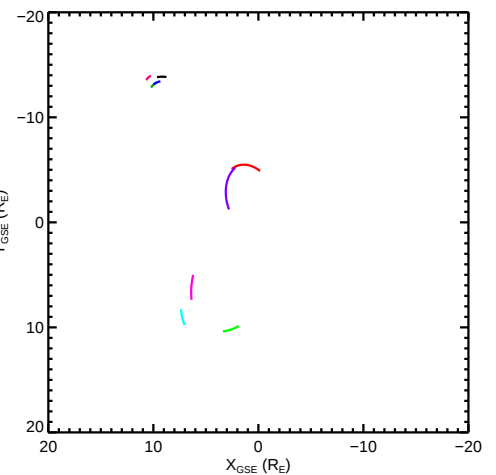
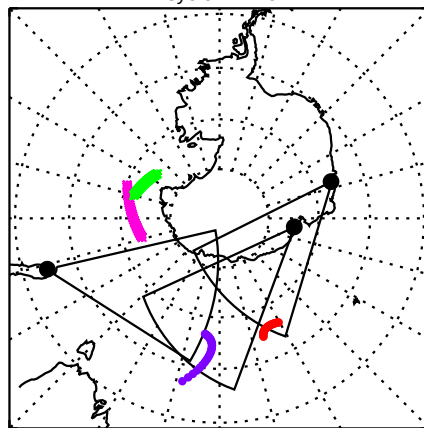
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



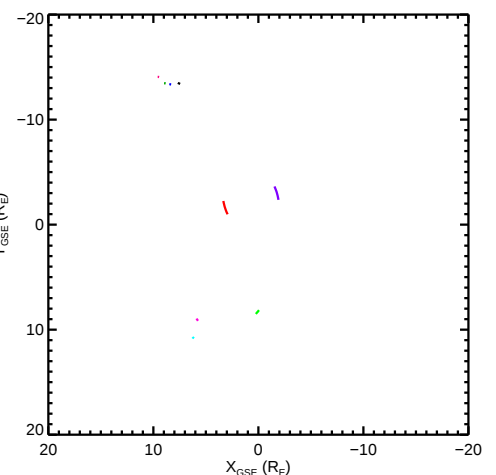
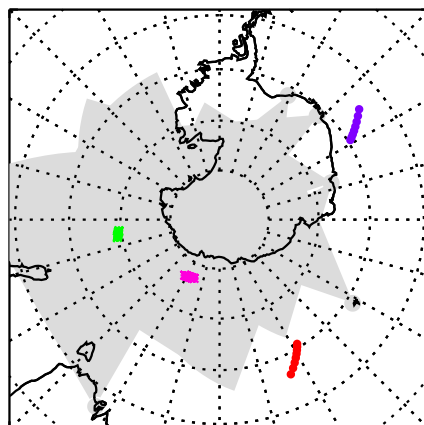
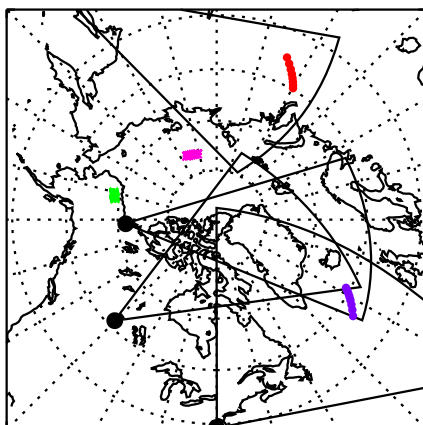
(a) 0000UT to 0235UT
adw hkw rkn



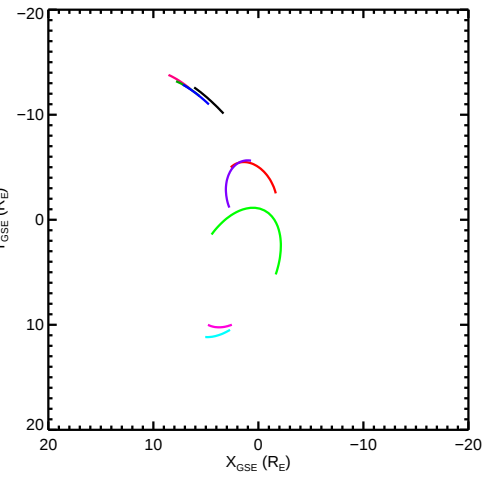
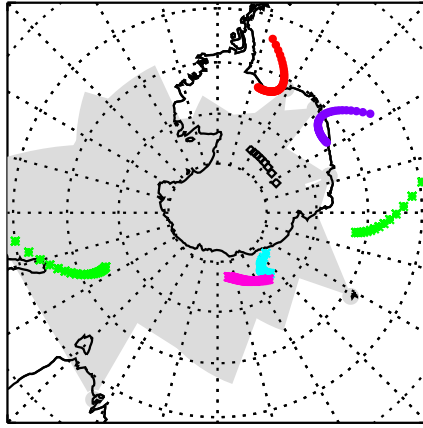
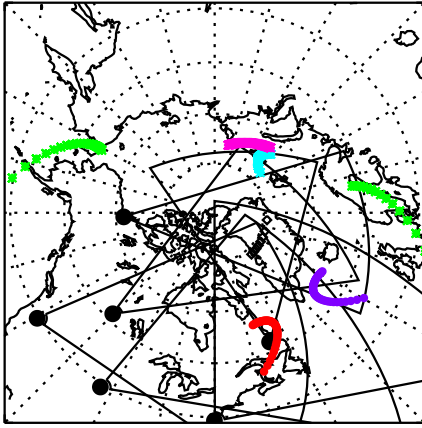
syw unw zho



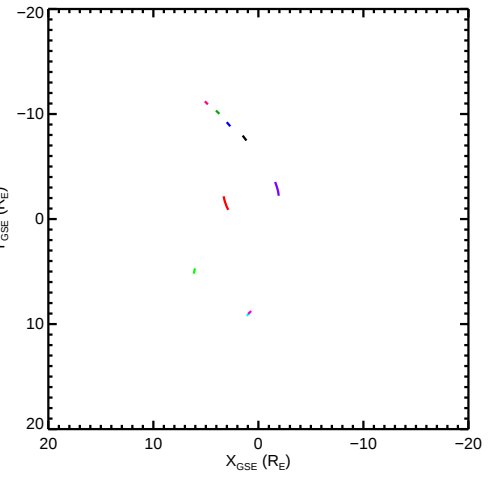
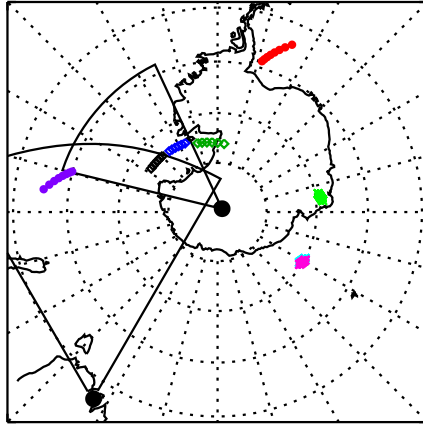
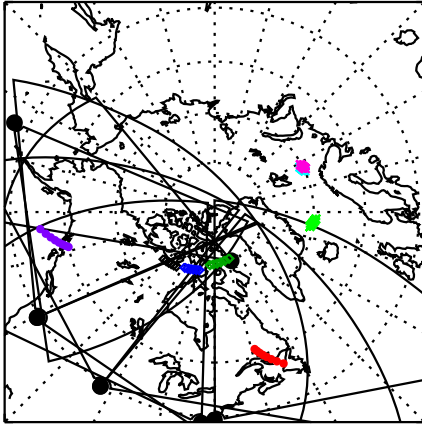
(b) 0445UT to 0520UT
hkw inv sas wal



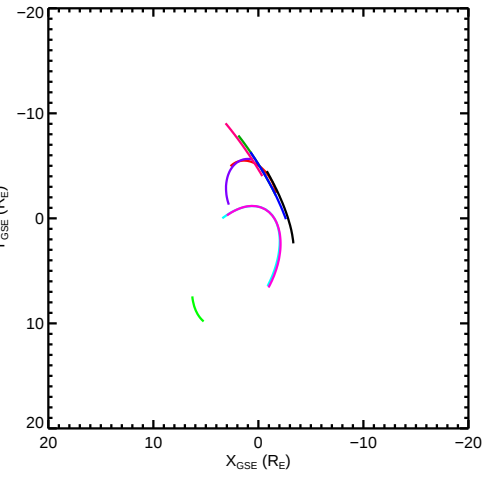
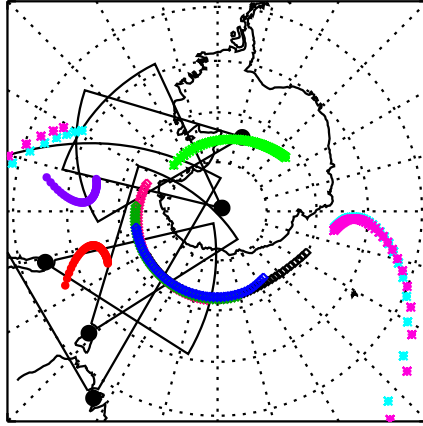
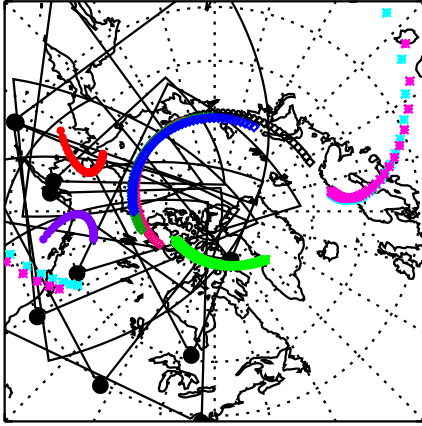
(c) 0730UT to 1140UT
cve the gbr inv sas wal



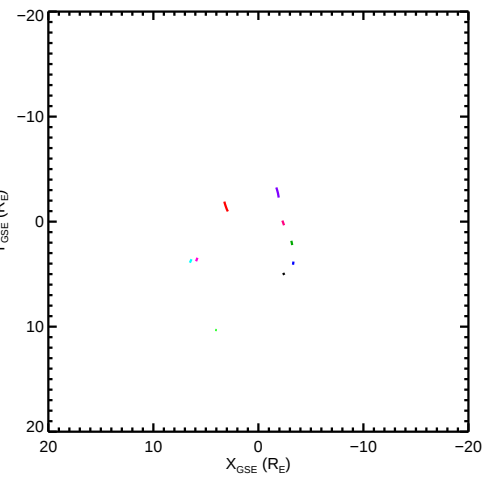
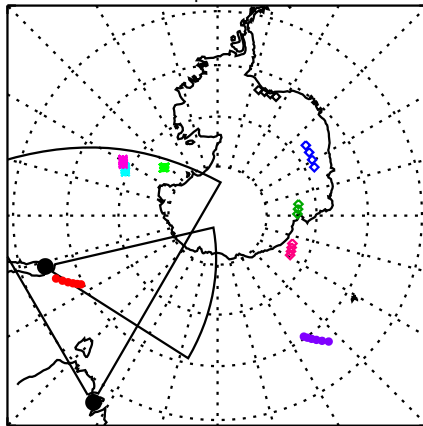
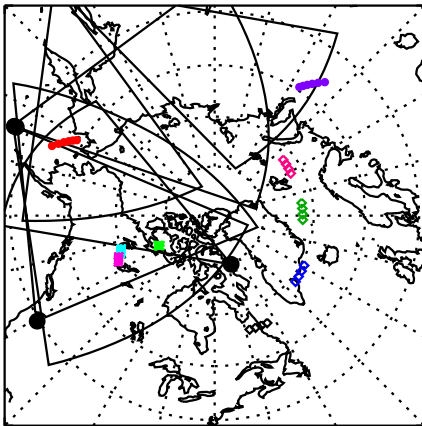
(d) 1345UT to 1420UT
ade bks cly cve cvw the fhw wal



(e) 1625UT to 2040UT
ade adw bks cly cvw fhw hok kap kod ksr pgr



(f) 2250UT to 2315UT
ade adw cly cvw hkw hok

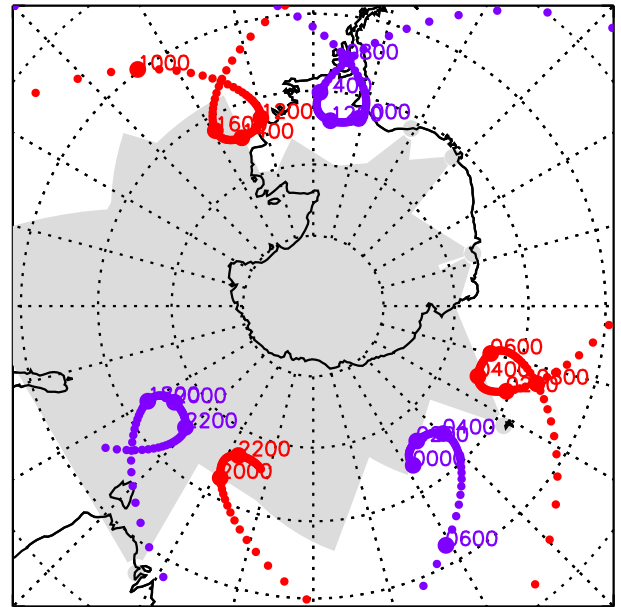
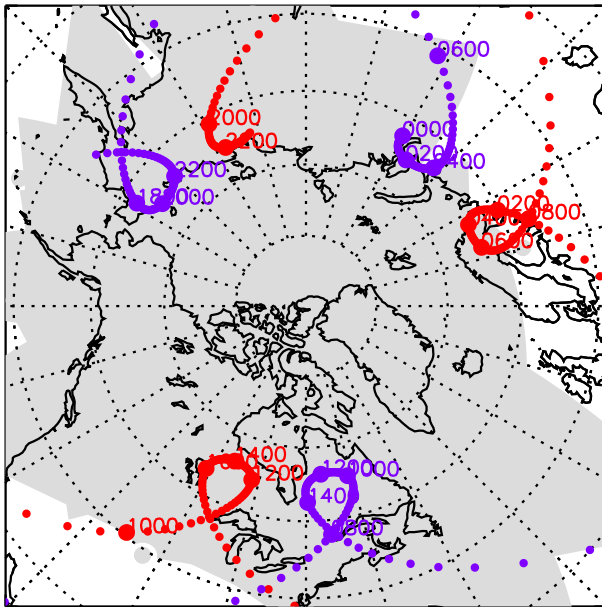


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

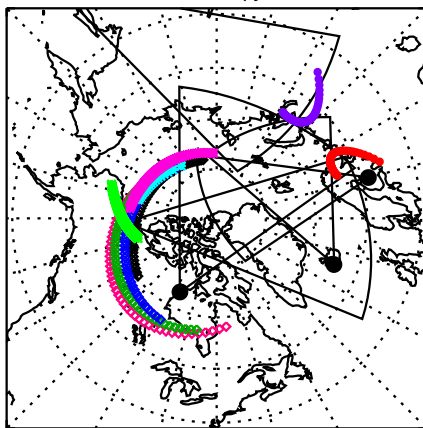
24-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

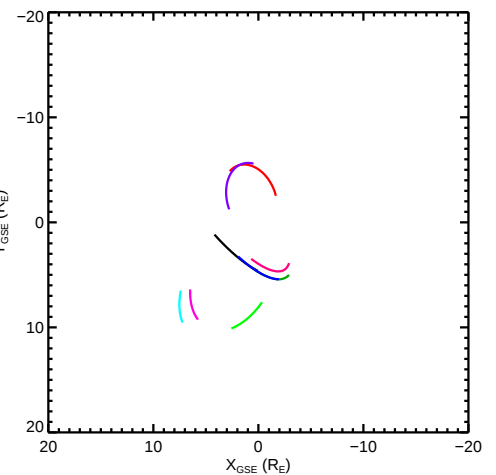
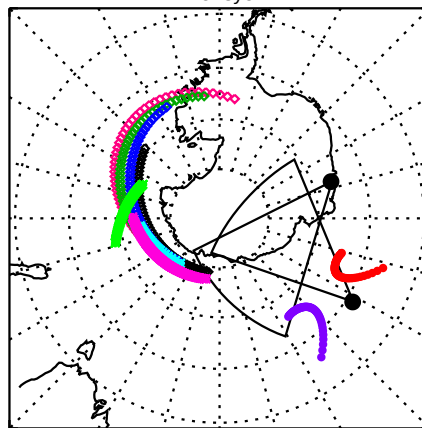
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



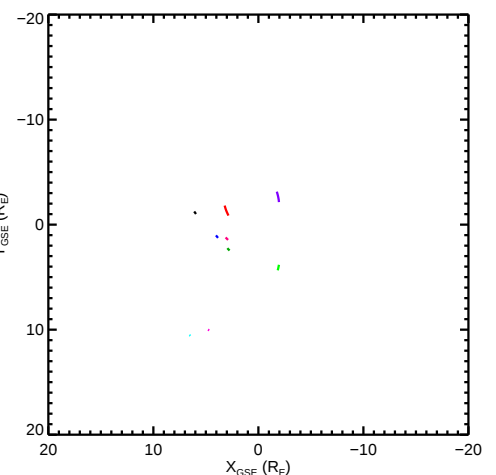
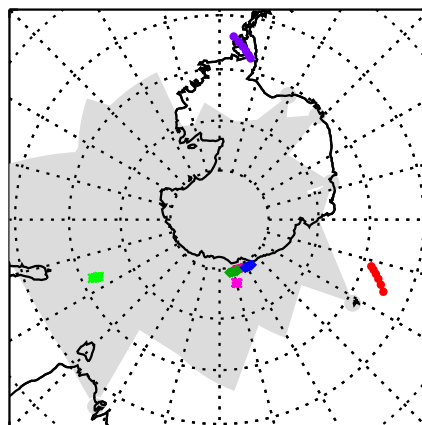
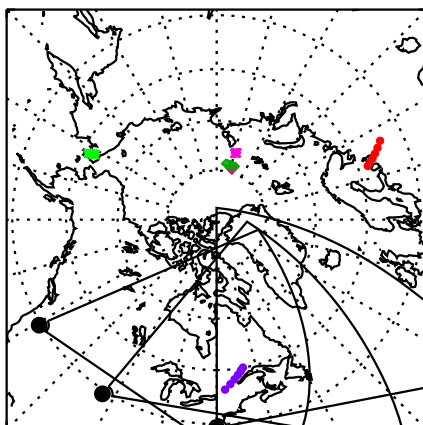
(a) 0125UT to 0545UT
han hkw inv pyk rkn



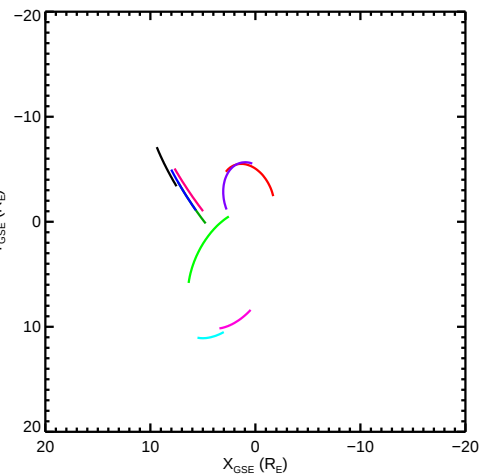
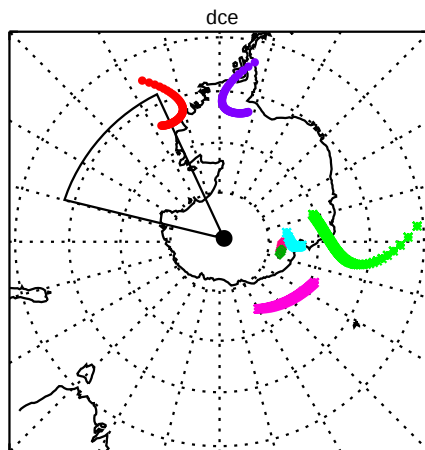
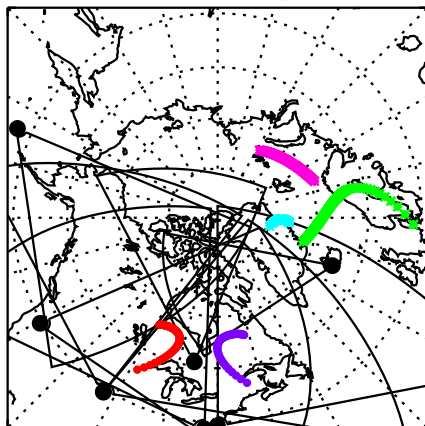
ker sye



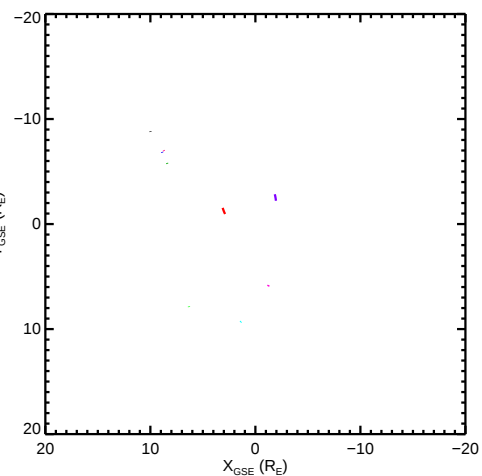
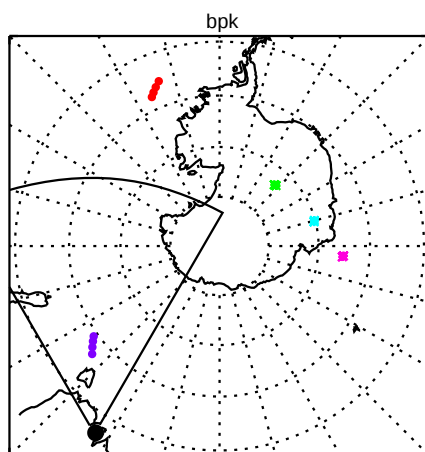
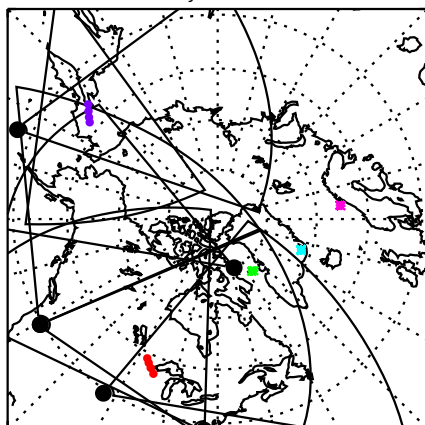
(b) 0750UT to 0815UT
cve the wal



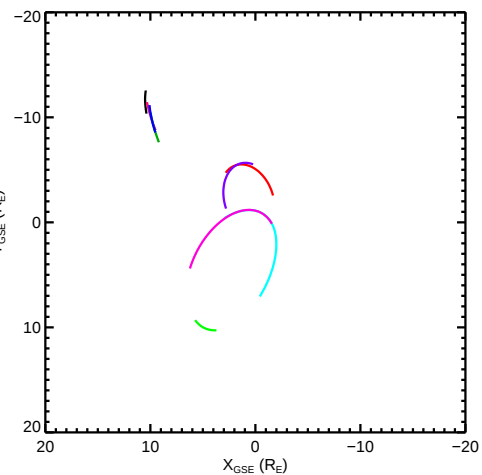
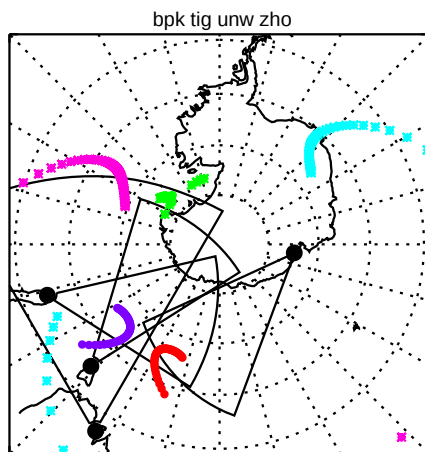
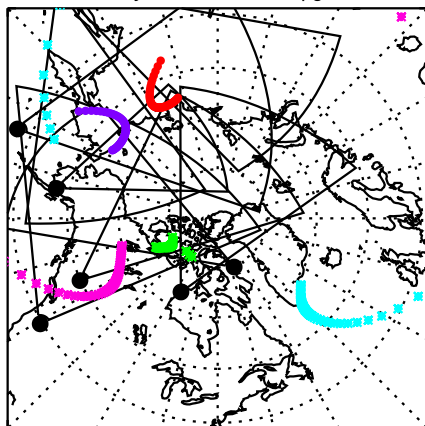
(c) 1020UT to 1450UT
ade bks cve the fhw kap sto wal



(d) 1655UT to 1710UT
adw bks cly cve cvw fhe hok



(e) 1920UT to 2350UT
adw cly cvw hkw hok ksr pgr rkn

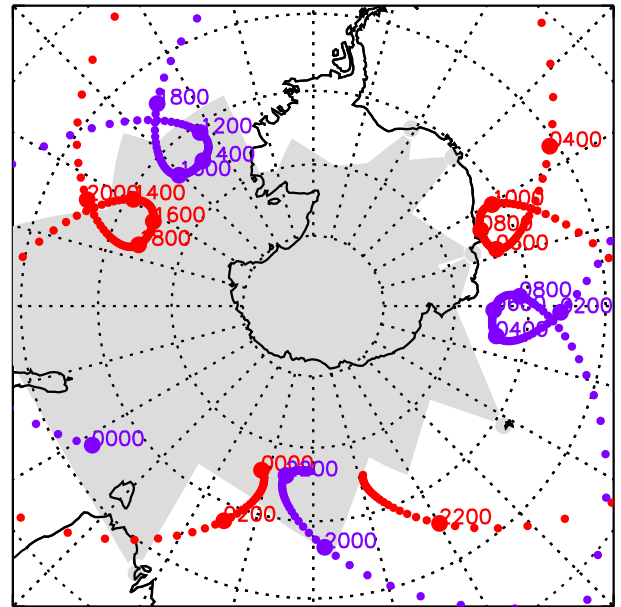
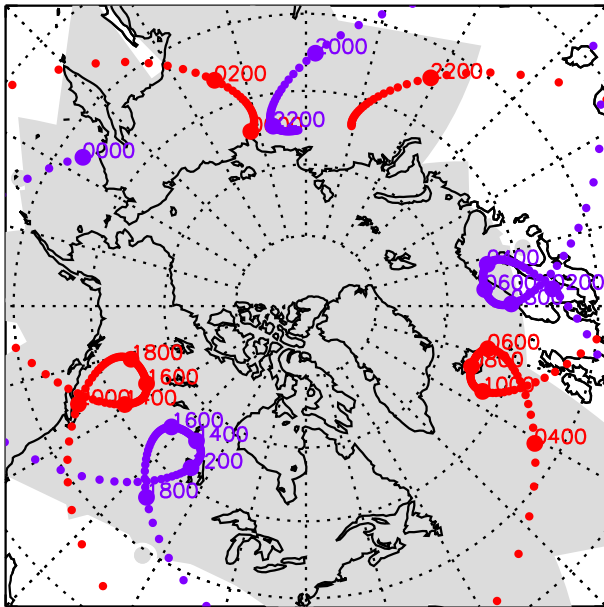


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

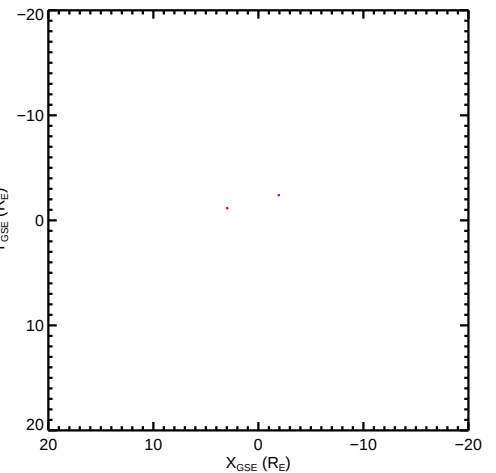
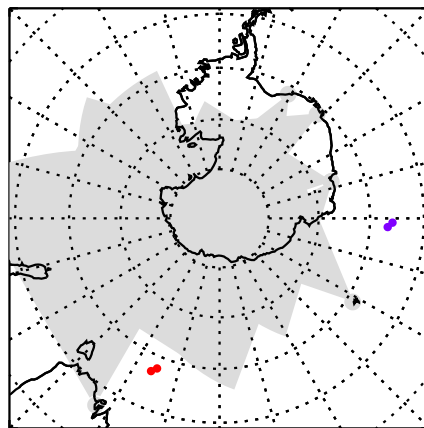
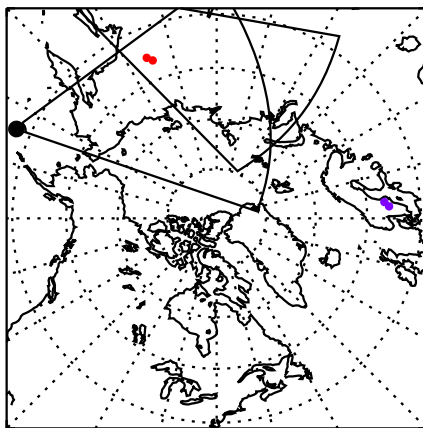
25-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

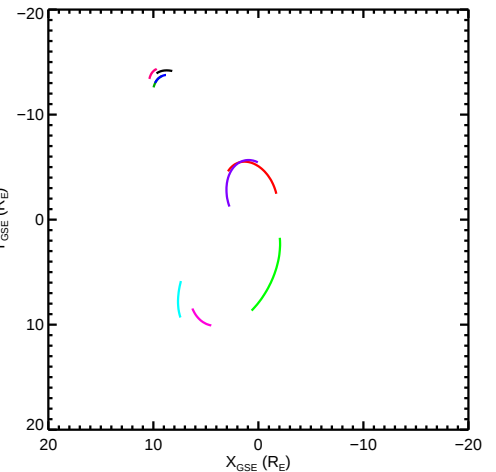
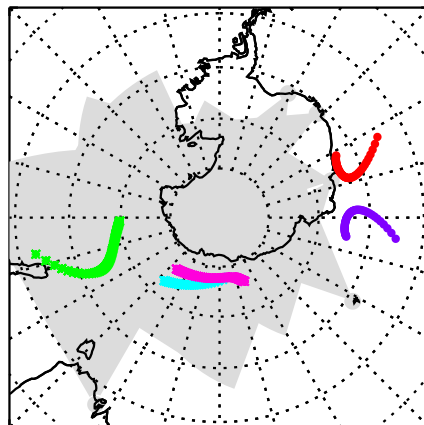
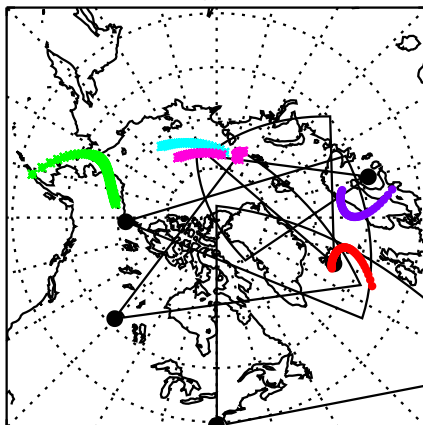
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



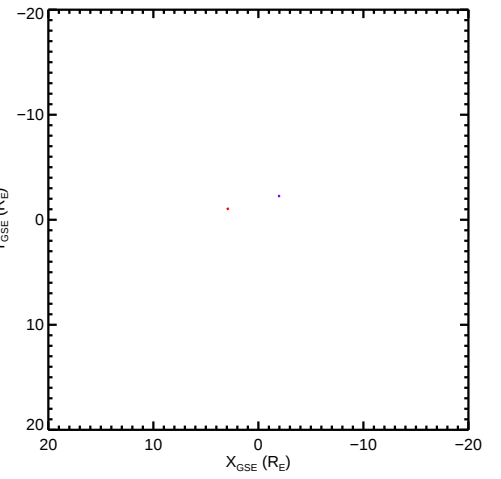
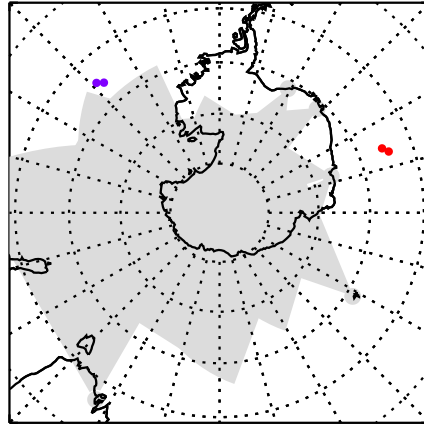
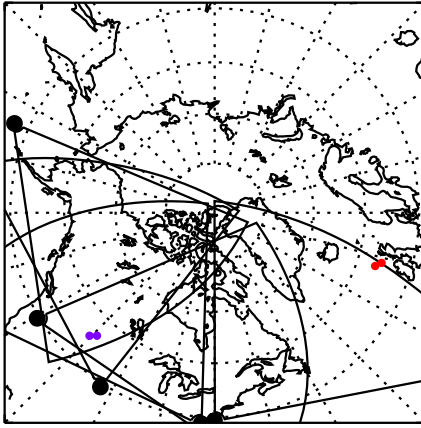
(a) 0200UT to 0205UT
adw hkw



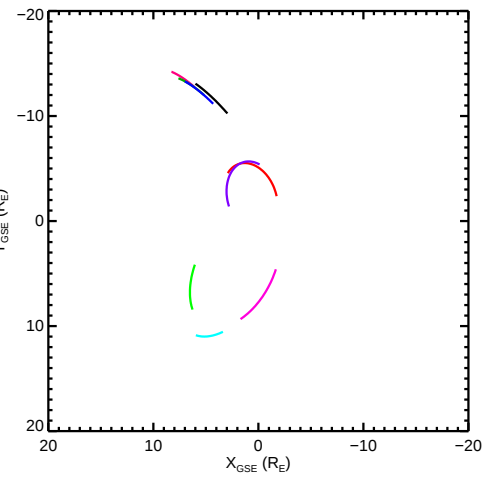
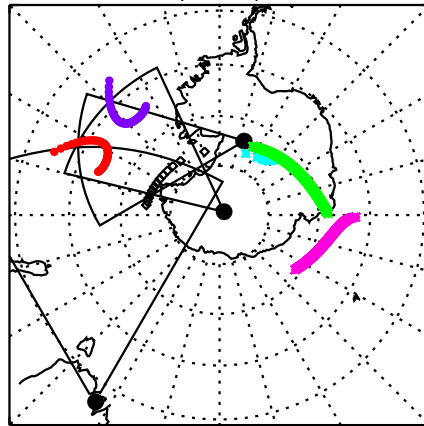
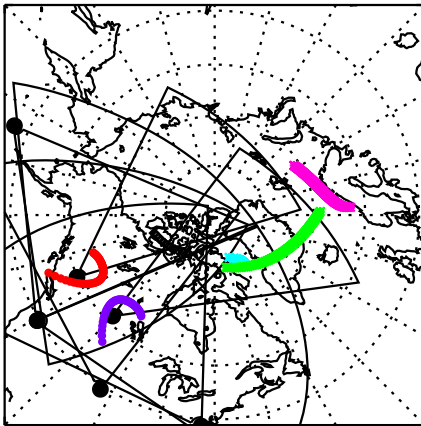
(b) 0415UT to 0855UT
han inv pyk sas wal



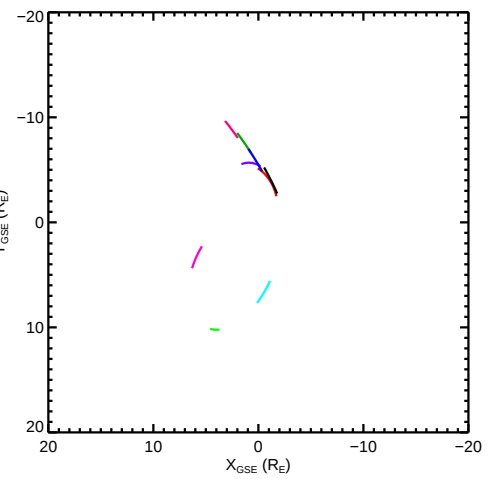
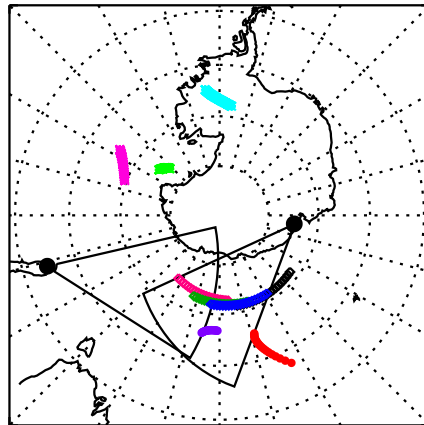
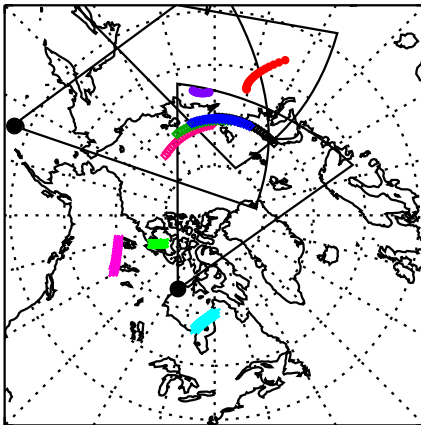
(c) 1100UT to 1105UT
ade bks cve fhw wal



(d) 1310UT to 1755UT
ade bks cve cvw fhw pgr sas



(e) 2210UT to 2355UT
adw hkw rkn



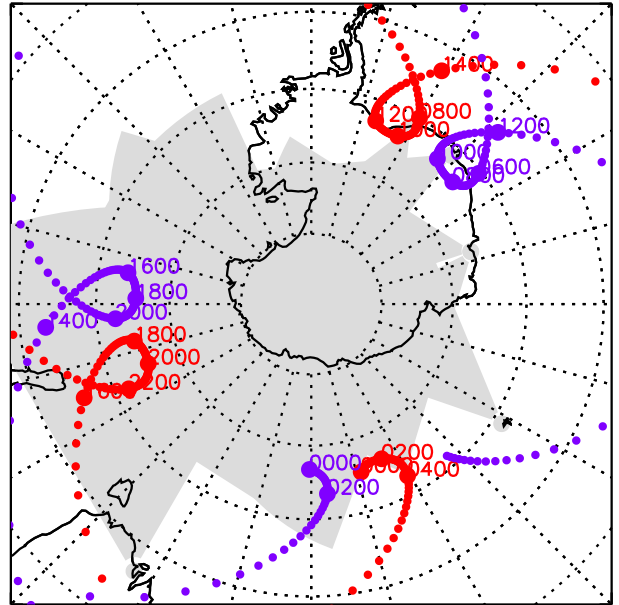
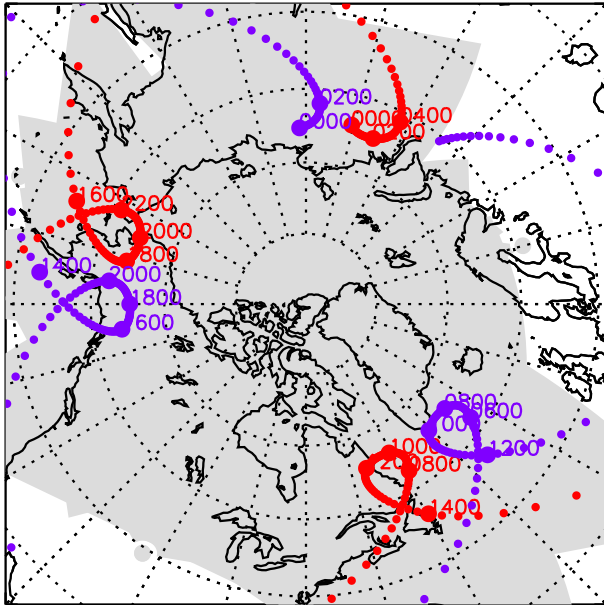
unw zho

Predicted RBSP footprints (AACGM magnetic longitude and latitude)

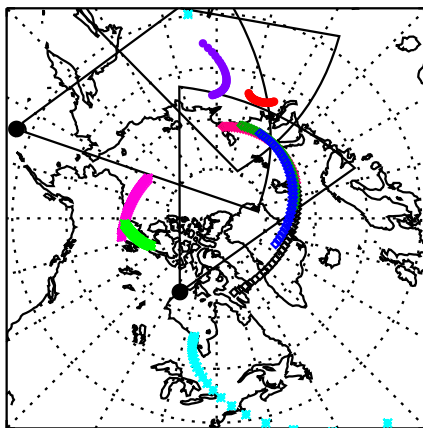
26-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

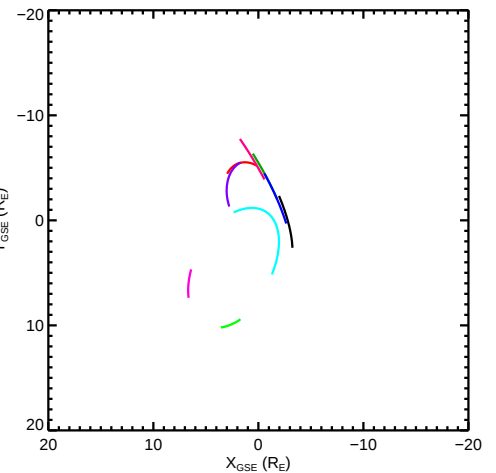
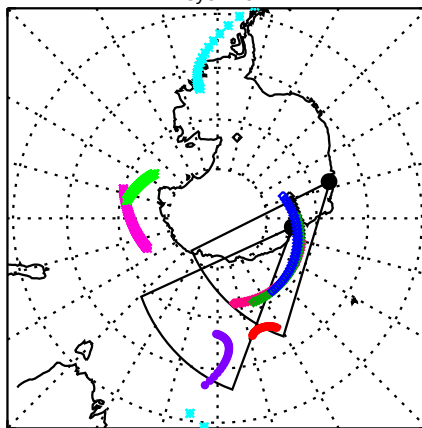
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



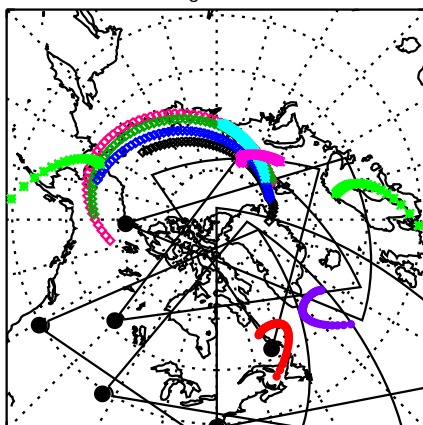
(a) 0000UT to 0300UT
adw hkw rkn



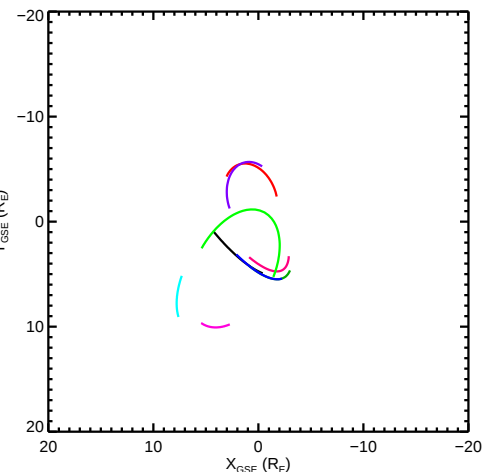
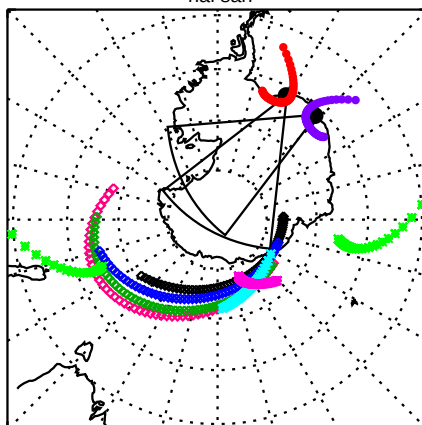
syx zho



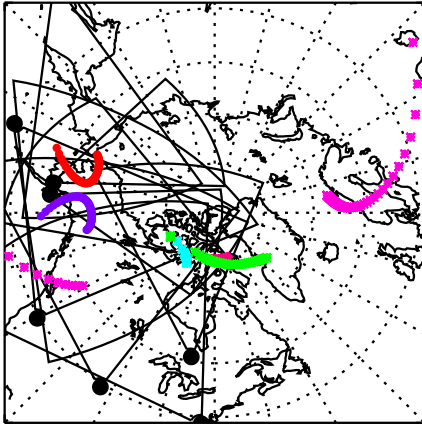
(b) 0705UT to 1205UT
cve the gbr inv sas wal



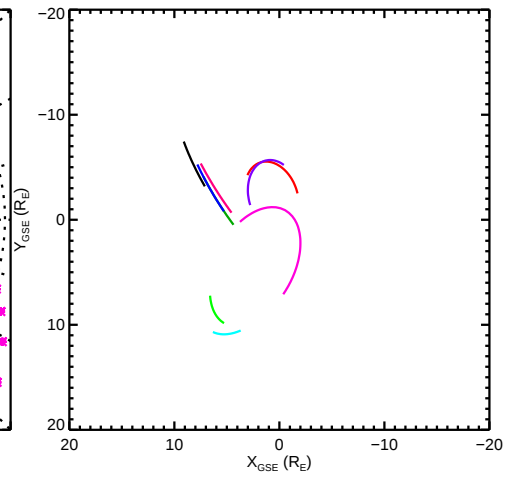
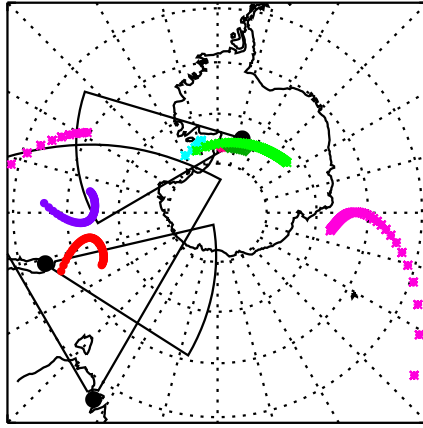
hal san



(c) 1605UT to 2105UT
ade bks cly cvw fhw hok kap kod ksr



bpk sps unw

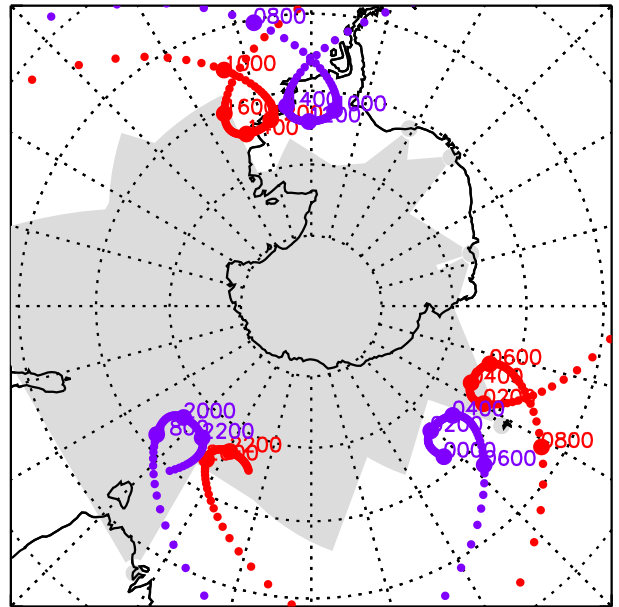
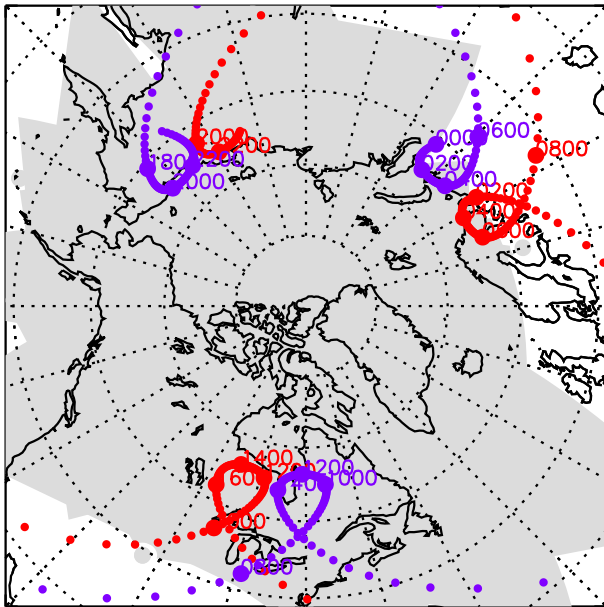


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

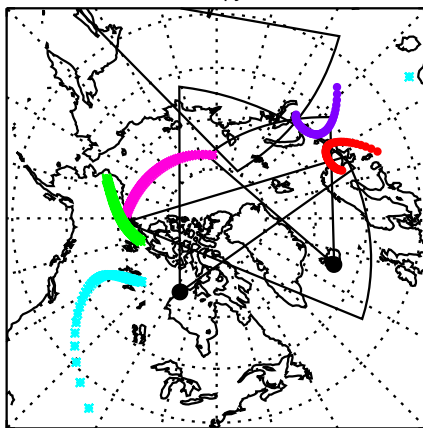
27-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

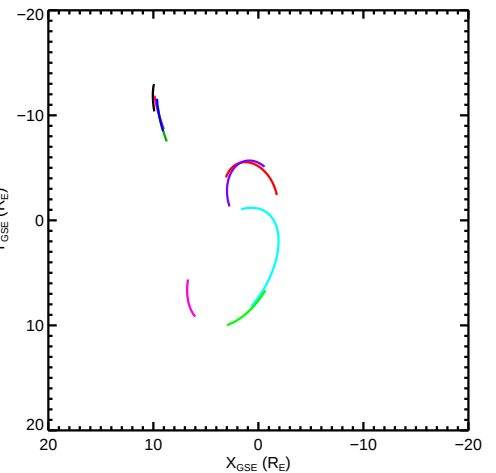
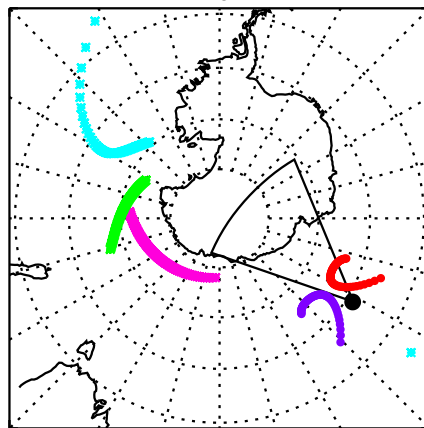
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



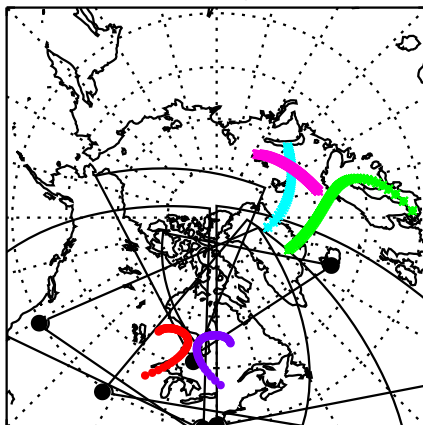
(a) 0100UT to 0610UT
hkw inv pyk rkn



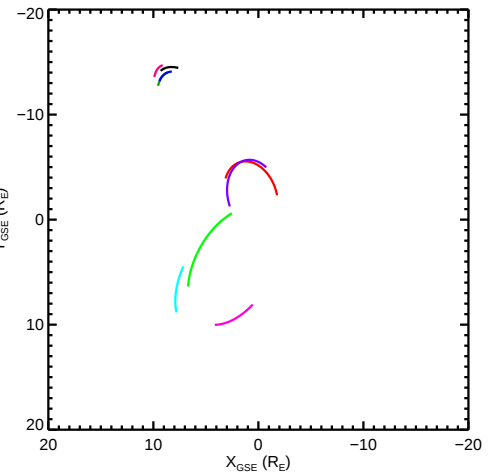
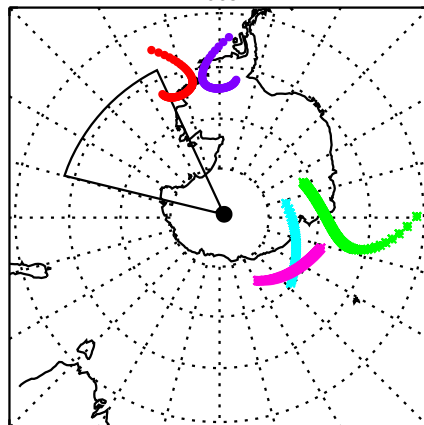
ker



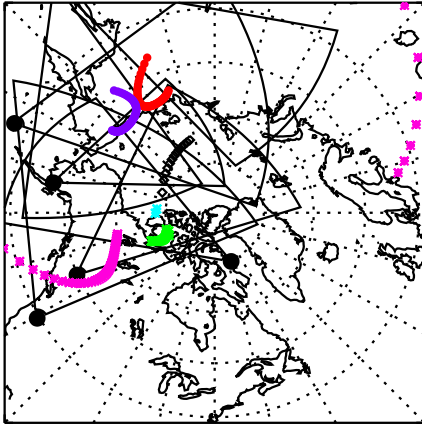
(b) 0955UT to 1515UT
bks cve the kap sto wal



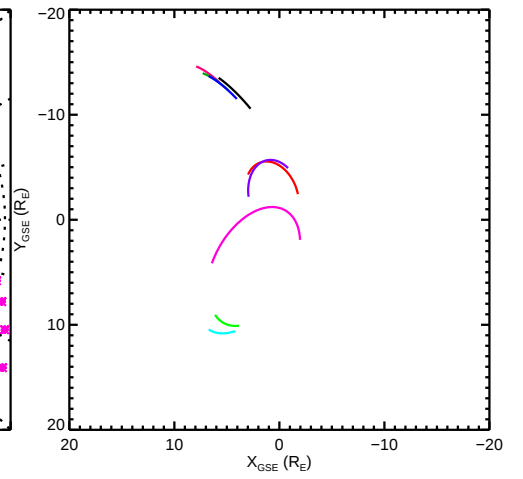
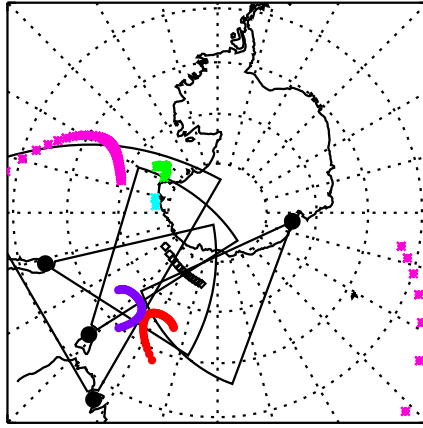
dce



(c) 1855UT to 2355UT
adw cly cvw hkw hok ksr pgr



bpk tig unw zho

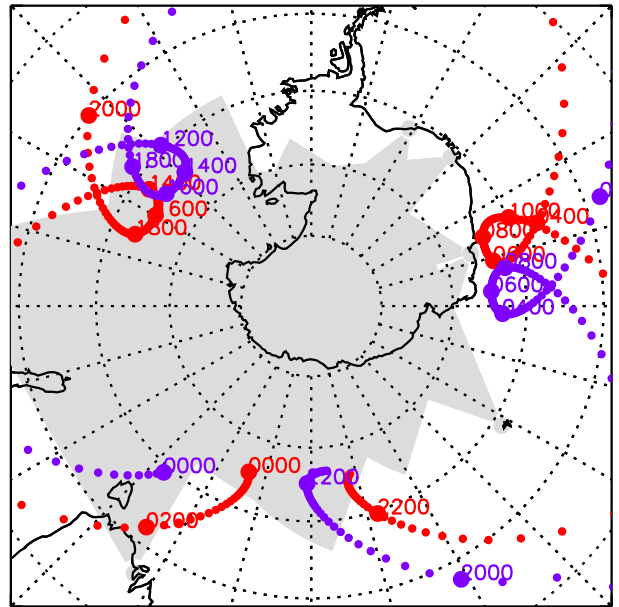
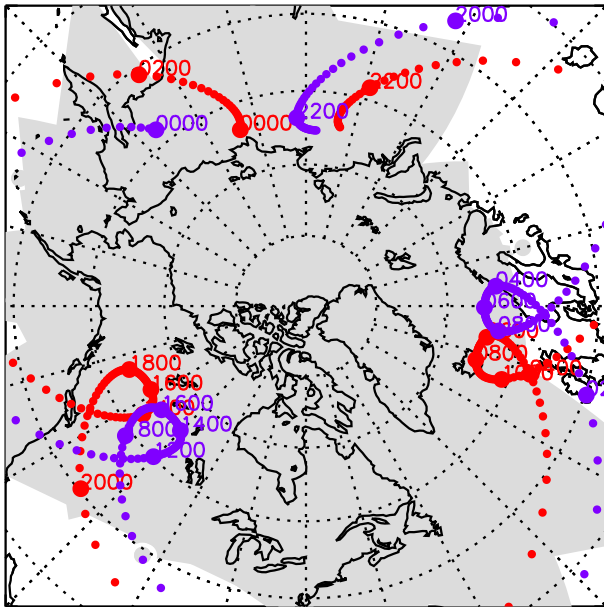


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

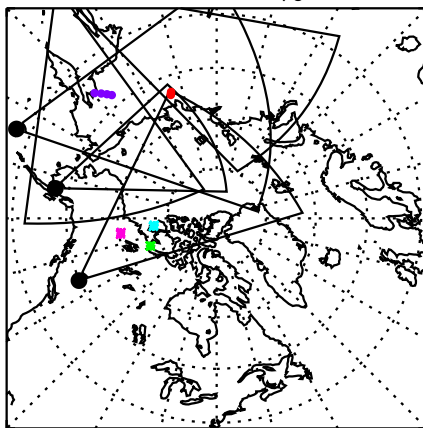
28-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

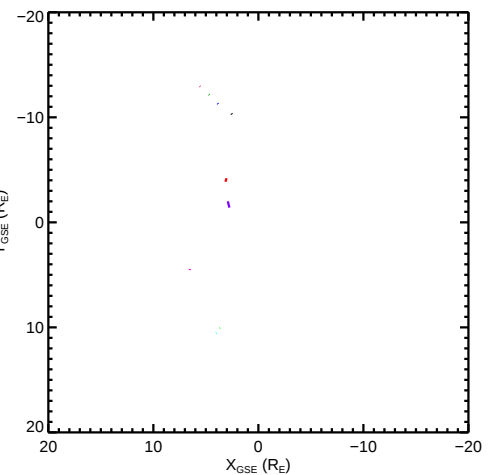
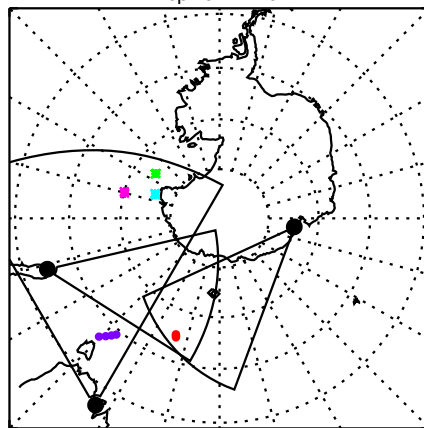
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



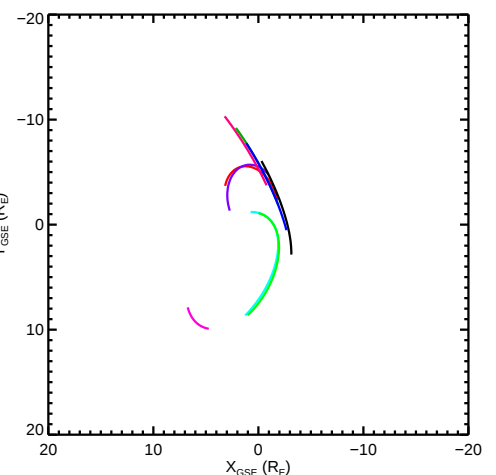
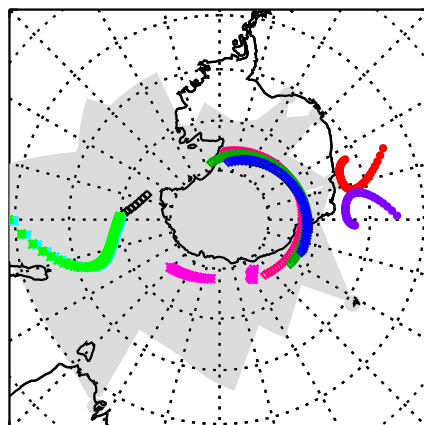
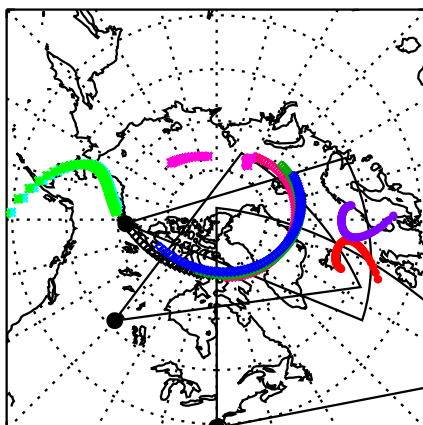
(a) 0000UT to 0015UT
adw hkw hok ksr pgr



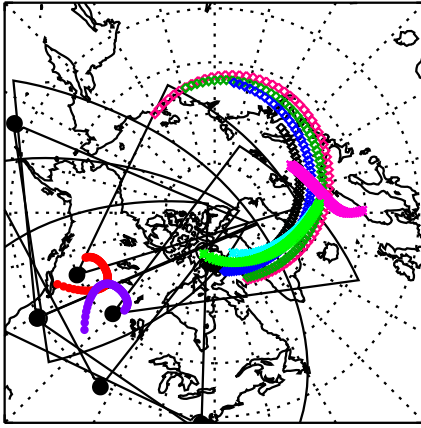
bpk unw zho



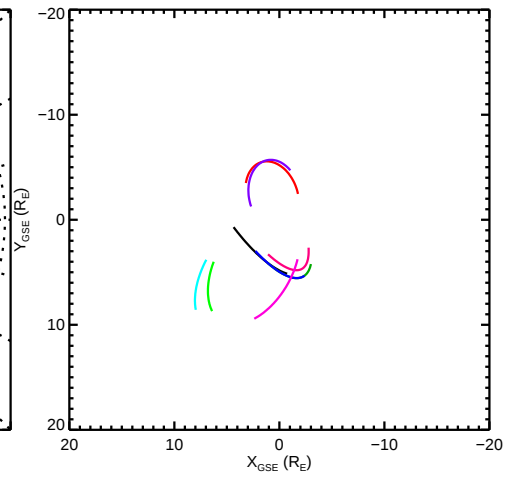
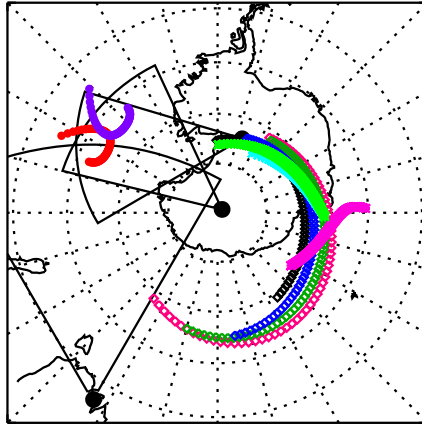
(b) 0350UT to 0920UT
inv sas wal



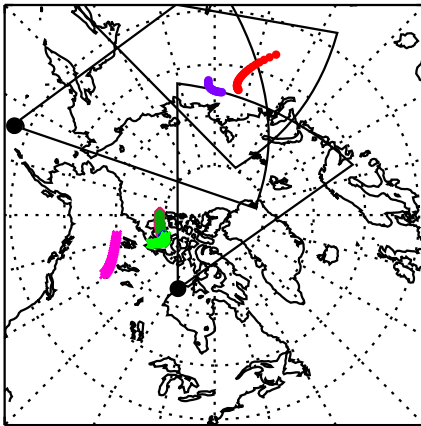
(c) 1250UT to 1825UT
ade bks cve cvw fhv pgr sas



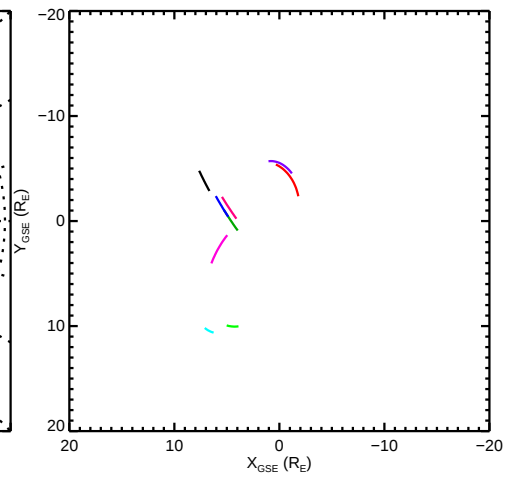
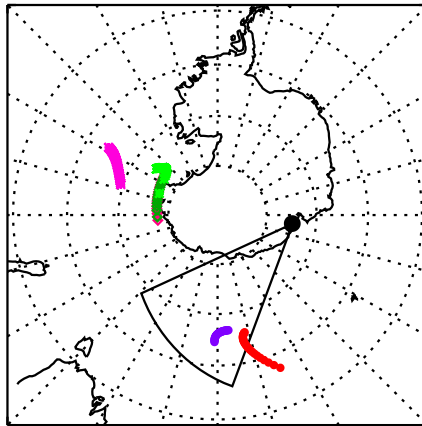
bpk dce sps



(d) 2145UT to 2355UT
adw hkw rkn



zho

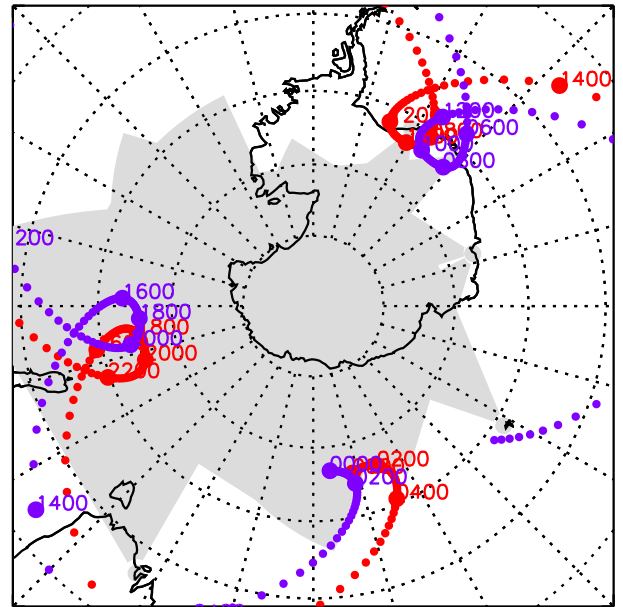
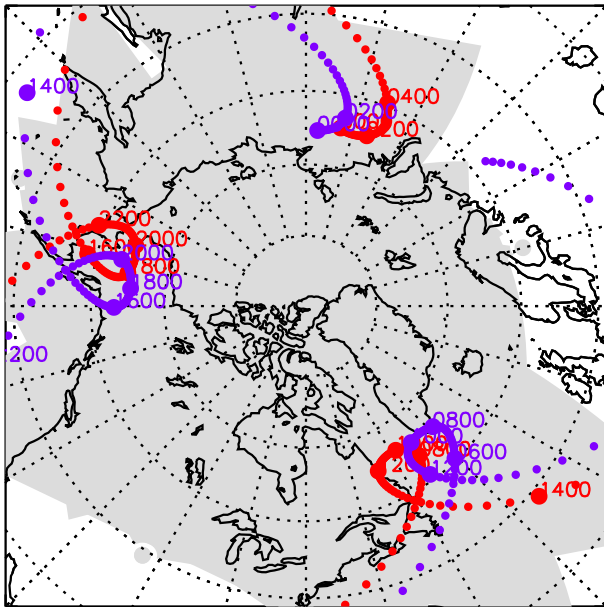


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

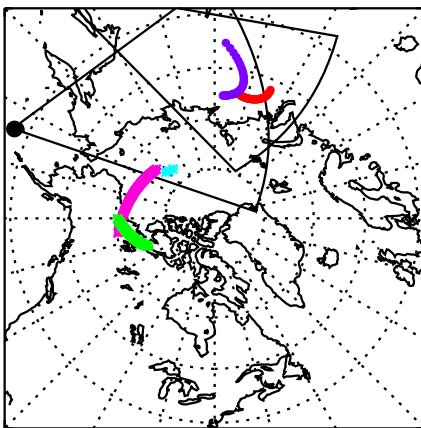
29-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

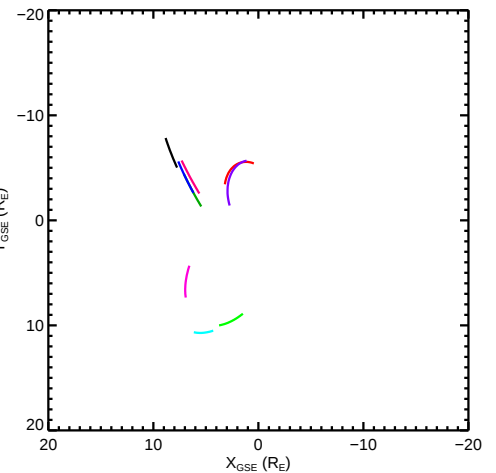
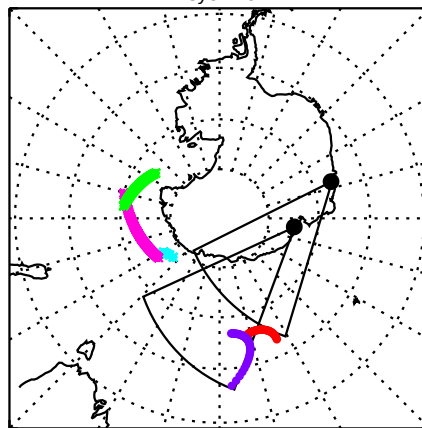
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



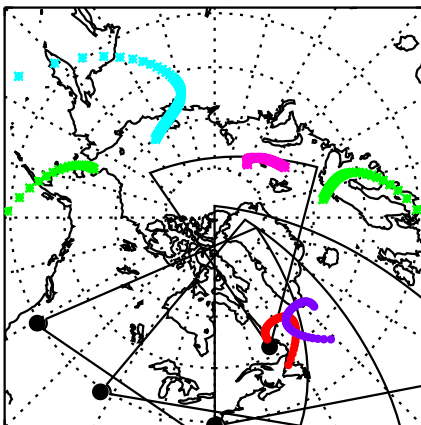
(a) 0000UT to 0325UT
adw hkw



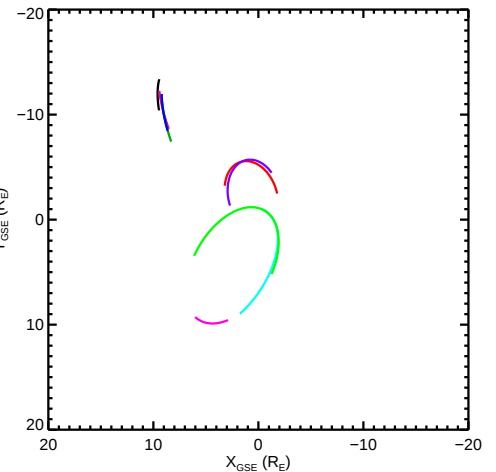
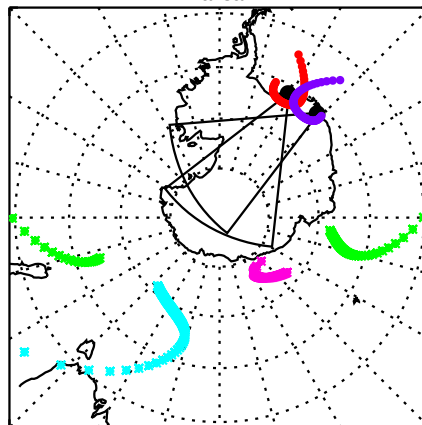
syx zho



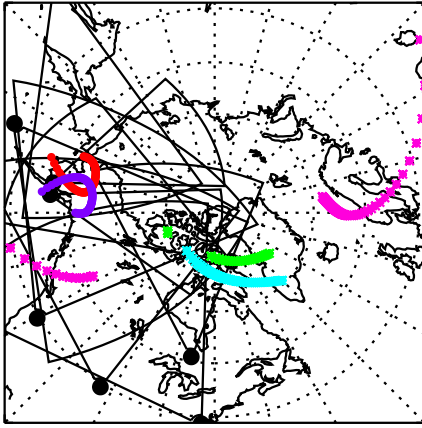
(b) 0645UT to 1230UT
cve the gbr wal



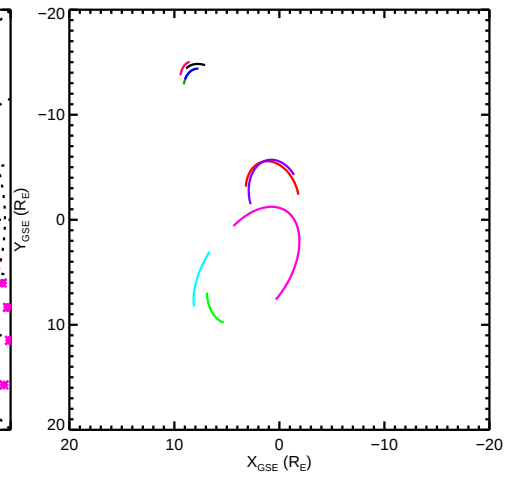
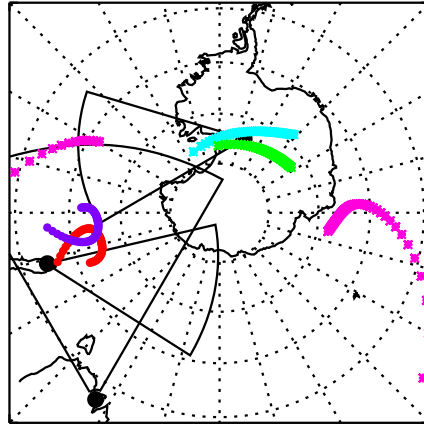
hal san



(c) 1540UT to 2130UT
ade bks cly cvw fhw hok kap kod ksr



bpk sps unw

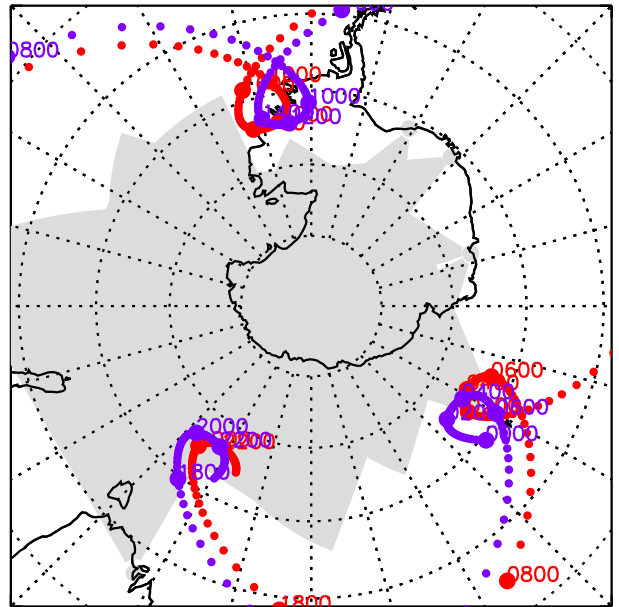
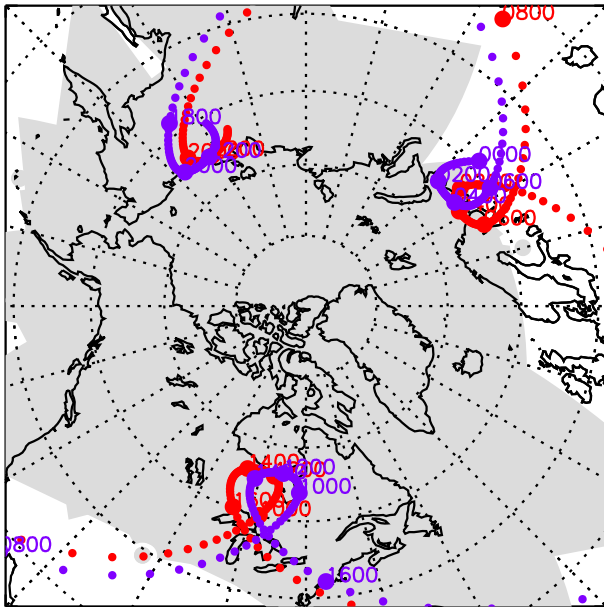


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

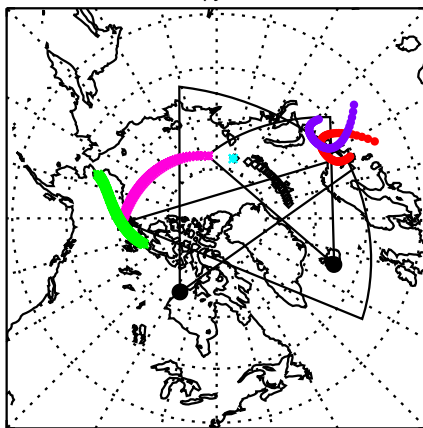
30-Apr-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

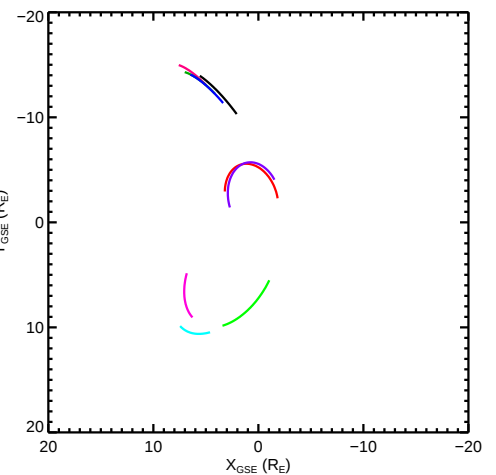
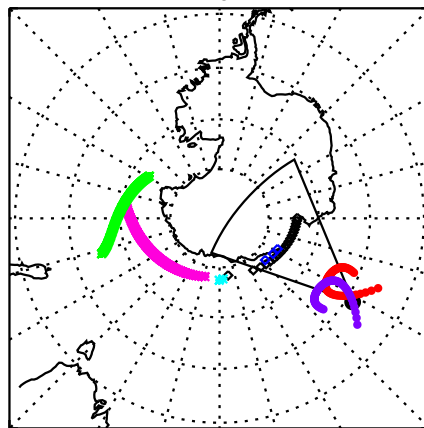
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



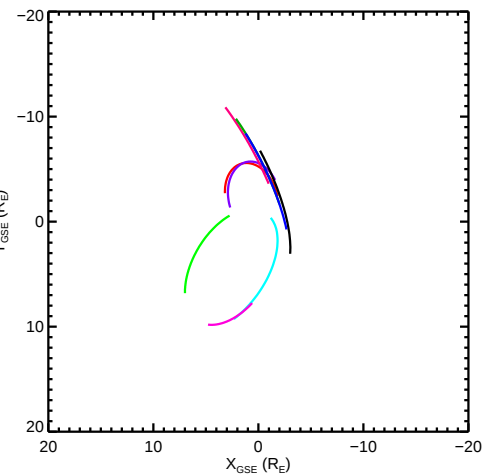
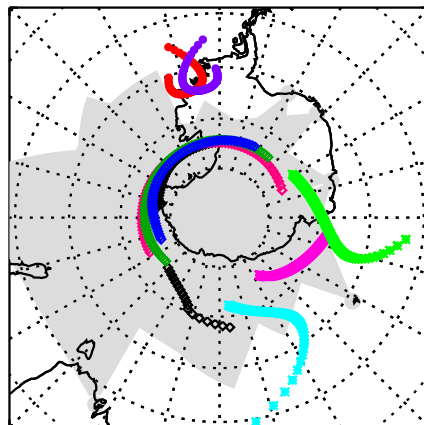
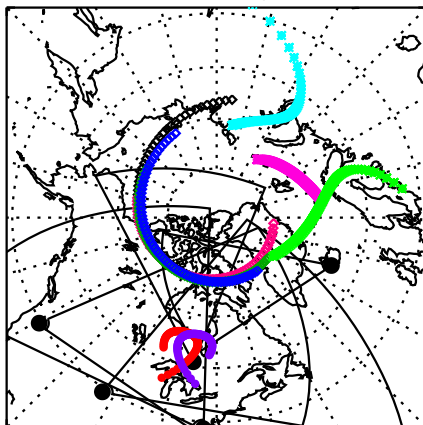
(a) 0035UT to 0635UT
inv pyk rkn



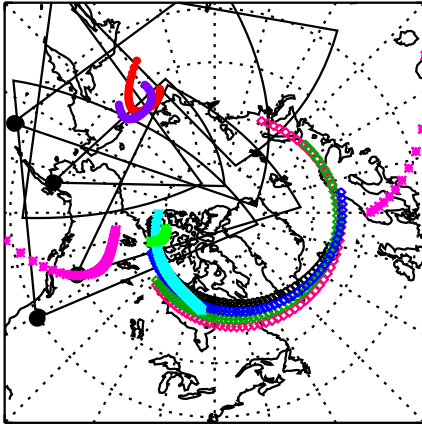
ker



(b) 0935UT to 1540UT
bks cve the kap sto



(c) 1830UT to 2355UT
adw cvw hkw hok ksr pgr



bpk tig unw zho

